e Minima Vournal,

RAILWAY

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1426.—Vol. XXXII.

LONDON, SATURDAY, DECEMBER 20, 1862.

(WITH SUPPLEMENT) STAMPED.....SIXPENCE.

JAMES CKOFTS, SHAREBROKER, No. 1, FINCH LANE, CORNHILL. (Established 18 years.) No. 1., FINCH LANE, CORNHILL. (Established 18 years.)

If. Caorrs transacts business, in the way of PURCHASE or SALE, in every descripted stocks, but particularly in BRITISH MINES, in no case departing from the point of a broker, at net prices. All orders meet with the utmost punctuality and Landadvice given as to the nature and eligibility of INVESTMENTS, when required, CHANGES OF STOCK effected on the most advantageous basis, subject only to one

plation.

Bolders of mining shares difficult of sale in the open market may hear of pursy, and also parties in arrear of calls, or sued by merchants, may learn their true position, and be advised how to act by applying to Mr. Chorts.

***** BUVER of Prosper United, Okel Tor, and Brynford Hall.

SELLER of Thorott, Great Wheal Busy, North Robert, Central Minera, Cefn Climit Lady Bertha.

******* Business in all the Australasian shares, and all the gold mines.

** Business in all the Australasian shares, and all the gold rolnes.

MR. JAMES LANE, No. 44, THREADNEEDLE STREET,
LONDON, E.C.

JAMES LANE has FOR SALE, at nott prices:—30 Alfred Consols, 6s.; 5 Brynford Hall,
gly; 5 Bryn Gwiog. £284; 5 Cook's Kitchen. £29; 5 Gamborne Vean, £2; 2 Gargoll;
8 bake Walls, 22s.; 10 East Devon, 12s. 6d.; 20 East Carn Bren, £11; 50 East
a£28; 10 East Rosewarne, £24; 10 East Cardon, £45; 20 East Schon, 10s.;
8 fres Hill Wood, 7s. 6d.; 5 Gonamens, £24; 14 Garidan. £44; 50 Great Wheal
then 7s.; 10 Great Retailask, 13s. 6d.; 10 Great Wheal Fortune, £294; 50 Great
Tail Basy, £236; 10 Hawkmoor, 5s. 6d.; 50 Hingston Down, £24; 10 Ludott, £104; 2;
Bigth Bertha, 26s.; 10 Margery, £24; 10 Marke Valley, £24; 12 North Jane, £1%;
Bigth Minera, 4s. 6d.; 10 North Crofty, £4%; 25 North Treskerby, £3%; 10 North
Basis, £44; 60 Peqh-an-dres, 21s.; 15 Prosper (Breage); 20 Tincroft, £134; 50
We Folman, 5s. 6d.; 10 Wheal Hoarie, £44; 26 Wheal Harristi, 22s. 6d.; 2 Wheal
Basis, £20 St. Just United, £24; 15 Tolvadden, £3; 3 Trelawny, £16%; 10 Treswil, £44; 40 Sortridge, 10s. 6d.; and 50 Vale of Towy, 4s.

STEE, \$4%: 40 Sortridge, 10s. 6d.; and 50 Vale of Towy, 4s.

CTOCK AND SHAREDEALER.—MR. PETER WATSON, ENGLISH AND FOREIGN STOCK, SHARE, AND MINING OFFICES, 79, 4D BROAD-STREET, LONDON, E.C.
RILWAY, JOINT-STOCK BANKS, DOCK, INSURANCE, CANAL, MINING, MEM-SHIP, &c., and EVERY OTHER DESCRIPTION OF SHARES BOUGHT as SOLD at the usual rate of commission, or at nett prices.

FILEGRAPHIC MESSAGES to BUY OF SELL Railway, Bank, Mine, and other have and Stocks, punctually attended to on commission, or at nett prices for cash, or infartishtly settlements, with advice as to purchase or sales.

(Two in Cornwall and Sixteen in London.)

Bankers: Union Bank of London.

Every information can be obtained on personal application or by letter, as to purchase and sales of mine and other shares, and the best investment for capital.

From the close proximity of his Offices to the Stock Exchange, as well as the Mining Indians, Parsin Waxson is enabled to act with promptitude on all orders entrusted to be, which at all times are carried out with punctuality, and to the best advantage of infamily.

is when at all times are carried out with punctuantly, and to the best advantage of islinits.

Mines specially inspected—Fee, £2 10s. each inspection.

Lass on good Mining Shares on liberal terms.

A Daily List of Prices sent to clients on application.

PITER Warson being in daily communication with agents, and a long and extensive smeetien in different parts of Cornwall and Devon, enables him to supply at all times his friends and clients the earliest information from the several mining districts, and assigned to the earliest information from the several mining districts, and in the supply at all times his first of the earliest information of any rich lode or distributed by the configuration of the parches or sale (wars, especially when he receives the earliest information of any rich lode or distributed by the configuration of the parches or clients will refer to my recommendations during the last six sight months in my "Weskly Circulars" (as well as by letter) of some Sixteen or Editest Mines, they will find the price has advanced considerably, as predicted—100 as per cont.! whilst others which I stated amoud be sold, have failen in price.

DEVIEW OF CORNISH AND DEVON MINES FOR 1862.-VIEW OF CORNISH AND DEVON MINES. and in three is WEEKLY CIRCULAR, No. 248, Vol. V., of 26th December, and in three is weeks' Circulars, WILL BE PUBLISHED a REVIEW (for the past 17 and this) of CORNISH and DEVON MINES, with advice as to purchases and sales. PETER WATSON.

E, LONDON, E.C., has
ES, free of commission:—
2 South Basset.
100 South Caradon Whea
Hooper, 18e, 9d.
5 Spaces Moor, 231.
15 Treacron, 231/2.
16 Treacron, 231/2.
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| R. LELEAN, 11, ROYAL EXCHANGE, LONDON, E.C., has role sold for processing the processing and p

Activations, 25 18. 9d.
Devon Great Consols.
Dron Great Consols.
Drake Walls, 28. 8d.
East Russell, £3 8. 9d.
East Russell, £3 8. 9d.
East Gardon, £41 18. 9d.
East Gardon, £44 ½.
East Trefusis, £2 ½.
East Baset, £51 16s 8d
E. Koswarn, £1 18s 9d.
East Treakerby, £1 18s, 9d.
Fortials, £20.
Grambler, £15 17s 6d.
St. Fortine, £29½. 60 Rosewarne Cons., £3%.
1 South Caradon.
5 South Tolgus, £40%.
20 South Gorland, 30s.
2 St. Ives Consols.
10 St. John del Rey, £541%.

| 2 St. Ives Consols. | 1 West Frances, £13. |
| 3 St. John del Rey, £54\\\ 2 \\ \) |
| 3 St. John del Rey, £54\\\ 2 \\ \) |
| 3 St. John del Rey, £54\\\ 2 \\ \) |
| 4 St. Tress Consols. |
| 5 St. Tress Consols. |
| 6 St.

WILLIAM ALLISON, STOCK, SHARE, AND MINING Orlers to buy or sell, accompan

O. SANDY, STOCK AND SHAREDEALER, 48, TRIEADNEEDLE STREET, LONDON, E.C. Daily price list may be had on application.

DMUND OLDREY, STOCK, SHARE, AND MINING BROKER, 20, THROGMORTON STREET, LONDON, E.C.

PEORGE RICE, SHAREBROKER, 1, FINCH LANE,

CORNHILL, LONDON.

Business done at close prices.

Business done and the close that the control of the close that Business. Lady Bertha, Wheal Grenville, and Marke Valley should take a little at series advice of Gonome Rices before buying or selling in the above mines. By many large gains may be made, and enormous losses averted.

Money advanced on North Treakerby, or other shares.

Bankers: Bank of London.

Bankers: Bank of London.

R. GEORGE BUDGE, SHAREBROKER, No. 4, ROYAL EXCHANGE BULIDINGS, LONDON, E.C. (Established 15 years), has FOR EXCHANGE BULIDINGS, LONDON, E.C. (Established 15 years), has FOR Wheal Great South Toigue, £7½; 3 West Caradon, £30; 20 Wheal Grenville, 30; 3 Wheal Heath, £45; 25 Sithney Carmensl, £7½; 200 Buller and Basset, 3e, 6d.; 1144; 160 Dale; 120 East Seton; 50 Great Wheal Busy; 4 Great Fortune, £29; 1144; 160 Dale; 120 East Seton; 50 Great Wheal Busy; 4 Great Fortune, £29; 1146; 160 Bast Grenville, 53s.; 6 Caradol; 75 Lady Bertha, 3s.; 2 East Basset, £27½; 100 East Grenville, 53s.; 6 Caradol; 75 Lady Bertha, 3s.; 2 East Basset, £27½; 30 Wheal Grenville, £34; 2 Wheal Seton, £152; 3 Mary Ann, £15½; 10 North Santy, £37½; 100 East Rosewarne; 50 Great Martha; 20 Wenthor, 41s.; 10 Hingburg, 15 Barmouth Consolis; 70 Wheal Unity, 17s.; 100 Worthing; 70 North 10 Old Toigus, £2; 100 Great Retallack; 60 Central Minera, 17s., 6d.; 85 and Greber; 15 Caradon Consols; 100 Santa Barbara; 15 Wheal Hearle.

G E O R G E M O O R E, In any business that GRORDE MOORE Is favoured with, in which he is the buyer, he will give CASH ON RECEIFT OF TRANSPER.

JAMES HERRON has FOR SALE the following SHARES, at

AMES HERRON has FOR SALE the following SHARES, at the prices quoted, and FREE OF COMMISSION; 10 Bryntail.

10 Bryntail.

11 Buller, £51½.

12 Great Whort, £5 18 9.

13 Billins, £15½.

13 Billins, £15½.

14 Great Whort, £5 18 9.

15 Cardod Amaigamated, £21 8.

16 Cardode Kidnen, £21½.

17 Great Molwyn.

18 Cardon Cons., £215 18 9.

18 Coarlo Kitchen, £31½.

19 Cond's Kitchen, £31½.

10 Charlotte United.

10 Charlotte United.

10 Cardon Cons., £13½.

10 Cardon Cons., £13½.

10 Cillind & Went., £5.

10 Cardon Cons., £13½.

10 Cardon Cons., £13½.

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10 Cillind & Went., £5.

10 Cardon Cons., £13½.

10 Cillind & Went., £5.

20 Carnews, 18s. 9d.

10 E. Carr Brea, £11 19.

20 Cardon Cons., £13½.

20 Cardon Cons., £13½. As FOR SALE the following SHARES, at REE OF COMMISSION:—
50 Great Morth Tulgus, 10s.
50 Great Martha.
5 Great Wh. Yor, £6 7s 6d
5 Gt. So. Tolgus, £7 1s 3d
50 Gt. Retallack, 14s.
11 Grambler, £16.
20 Great Moelwyn.
25 Harwood, 23s. 6d.
10 Hings. Down. £2 1ls 3d
20 Holmban, old shs., £15
10 South Basset, £35
4.
10 Hings. Down. £2 1ls 3d
20 Homban, old shs., £15
20 Lady Berths, 25s.
3 Long Rake, £15 18s. 9d.
15 Ludcott
10 Marke Valley, £8 18s 9d.
21 Treiswny. £16 54
20 Marke Valley, £8 18s 9d.
20 Morth Robert.
10 North Preakerby, 76s 3d.
20 North Robert.
11 North Phonix.
11 New Saton, £1364
20 North Robert.
12 North Prodes.
21 North Roskear, £387
23 North Roskear, £387
24 North Corfty, £5 3s. 9d.
25 North Corfty, £5 3s. 9d.
26 North Miners.
29 No. Downs, £394
20 New Treieigh.
10 Port Phillip, £1 10s. 3d.
25 Par Consols, £544
26 Nant-y-lago.
26 North Miners.
27 North Corfty, £5 3s. 9d.
28 North Corfty, £5 3s. 9d.
29 New Treieigh.
20 Pendeen.
20 New Treieigh.
21 Providence, £4114
22 West Saton, £2334
23 Wheal Hearle, £3 15 9 10 Wheal Pollard.
24 Wh. Margaret, £4134
25 West Trevelyan, 10s 6d.
26 West Condurrow, £44
26 West Sharp Tor.
27 Wh. Harriett, 35s. 6d.
28 West Sharp Tor.
29 Wh. Harriett, 35s. 6d.
29 Wevas Downs, 98s. 9d.
20 Yedanamutan, £375
28 Treiswny, £65
28 thavid's.
28 thavid's.
28 thavid's.
28 thave Jeach
29 Treiswny, £45
21 Treiswny, £45
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29 Utlated Heave Toreism And Clogau.
20 Wheal Tellard.
21 West Frances.
22 Wh. Margaret, £4134
23 West Saton, £235
24 Wh. Grenville.
24 West Starp Tor.
25 West Starp Tor.
26 West Starp Tor.
27 West Steron, £235
28 Order Toreism Andread To

MESSRS. VIVIAN AND REYNOLDS, 68, OLD BROAD STREET, LONDON, E.C., MINING ENGINEERS, INSPECTORS of MINES, COMMISSION, and GENERAL AGENTS for the PUTCHASE OF SALE OF MINE SHARES, RAILWAY, and EVERY OTHER DESCRIPTION of STOCK.

Commission on share transactions 14 per cent. on £100 and above, and 2½ per cent. on £100 and above, and 2½ per cent. on £100 and above, and 2½ per cent.

M R. EDWARD COCKE, SHAREBROKER, 75, OLD BROAD STREET, LOXDON, E.C. Advice given on application on the merits of the various mines currently dealt in.

Bankers: London and Westiminster, Lothbury.

MR. BATTERS PUBLISHES a DAILY STOCK, SHARE, and MINING CIRCULAR contains particulars of all movements in Bullion, Foreign Exchanges, Consols, Foreign Stocks, Rail ways, Mines, &c., and can be had by his clients free, on application.—5, Cowper's-court, Birchin-lazas, London, E.C.

R. BATTERS strongly recommends his friends to buy Wheal a certainly that there are luveries in a being percently for a contraint, and almost kear shares are equally deserving of attention, from the fact that they will speedily enter the Dividend List, and become standard the mines for ages. East Carn Bres shares were never as safe to buy as at present. The mine is opening out a great success.

5, Cowper's court, Birchin-lane, London.

NOTICE OF REMOVAL. JOSEPH GREGORY, MINING SHAREBROKER On and after 24th December, offices at 2, HATTON COURT, THREADNEEDLE STREET, LONDON, E.C.

MR. H. WADDINGTON, MINING AND SHAREBROKER,
74, OLD BROAD STREET, LONDON, E.C.
MINING SHARES BOUGHT and SOLD at the usual commission. BAILWAY,
BANK, and OTHER SHARES at Stock Exchange rates.

MR. E. BEAZLEY, MINING AND GENERAL BROKER,

1, BANK CHAMBERS, LOTHBURY, LONDON, E.C.

E. BEASLEY recommends for Immediate Purchase, for Investment, North Roskear,
North Crofty, East Chiverton, North Pool, New Seton, East Seton, East Carn Brea,
and Union.

JAMES HUME, SHAREBROKER, 74, OLD BROAD STREET, LONDON, E.C. LONDON, E.C.

J. Humk's "Circular" for December contains most reliable information on East Caradon, East Carn Brea, Uny, Ludcott, Saton, South Tolgus, West Tolgus, South Condurrow, East Grenville, &c., and is the best guide for the purchase or sale of mining shares. Subscription, 5a, per annum; single copy, 6d. FOR SALE:—

20 East Carn Brea, £12.

20 Lady Bertha.

20 Hingston Down, £2%.

20 East Grenville, 48s.

3 Stray Park, £43½.

50 Harriett.

ission on mining shares, 11/4 percent.; and on railways at the usual Stock Ex

MR. THOS. THOMPSON, 12, OLD JEWRY CHAMBERS, LONDON, E.C., is in a POSITION to OBTAIN the BEST INFORMATION RESPECTING the various DIVIDEND and PROGRESSIVE MINES.

Mr. THOMPSON has FOR SALE some shares in Foxdale (the Isle of Man Mining Company, Limited); the next dividend will be declared in December.

Pany, Limited); the next dividend will be declared in December.

M. R. T. ROSEWARNE, 81, OLD BROAD STREET,
LONDON, E.C., has FOR SALE;—
Giasgow Caradon, £2%.

East Carn Brea, £11%.

East Grylis, £3%.

North Minera, 13e.

North Minera, 13e.

North Croty, £5%.

North Croty, £5%.

North Downs, £2 16s. 3d.

North Downs, £2 16s. 3d.

Wheal Edward, 57s.

Wheal Edward, 57s.

Hingston, £3%.

Wheal Edward, 57s.

Hingston, £3%.

Wheal Edward, 57s.

Hingston, £3%.

Wheal Score, £18%.

Wheal Edward, 57s.

Bat, Gardin, £30.

East Gunnis Lake, 28s.

Copper Hill, £55.

East Gunnis Lake, 28s.

Copper Hill, £55.

East Garnis Lake, £8s.

Copper Hill, £55.

East Caradon, £3%.

East Caradon, £4%.

East Caradon, £4 And is a BUYER of—
East Gunnis Lake, 28s. Copper Hill, 255. Dale, 6s.
Wheel Edward, 27s. 6d. South Frances, 255. Hingston, 42½.
T. Roszwanns should be consulted immediatoly respecting East Caradon, East Carson and those mines inspected during the present week.
Dec. 19, 1862. Bankers: Bankers London.

MR. D. STICKLAND, M.E., having had upwards of 40 years mining experience in Cornwall, several years of which he has had the entirmanagement of mines therein, enables him to GIVE ADVICE on MINES and their MANAGEMENT.

MANAGEMENT.

D. STICKLAND beg to OFFER HIS SERVICES in BUYING and SELLING SHARES on advantageous terms for capitalists, who will do well to consult him, either by letter or personally, previous to their investing fit mines now at work, or in those achemes now being brought before the public. Good references given if required. Mines inspected and faithfully reported on. Terms, from £2 is, to £4 5s., agreeable to their magnitude. Travelling agreease beyond 10 miles not included.

Monthly circulars forwarded on application, containing a list of selected progressive and dividend-paying mines, and sound advice to capitalists, which none but practical means can furnish, on recailed of six postage stames.

MESSRS. T. P. THOMAS AND SON, MINING AGENTS, GENERAL SHAREDEALERS, AND AUCTIONEERS, 2, CROWN COURT, THREADNEEDLE STREET, LONDON, E.C.

MR. T. E. W. THOMAS, MINING AGENT AND GENERAL MINING SHAREDEALER, 16, HACKINS HEY, LIVERPOOL.

MINING SHAREDEALER, 16, HACKINS HEY, LIVERPOOL.

M. R. FRAS. G. LANE, MINING SHAREDEALER, 44, THREADNEEDLE STREET, LONDON, E.C.

EAST CARADON MINE.—The late great decline in the price of these shares, through forced sales and extensive "bearing" operations, has received a check; shares are now railying, and will soon attain to their oid price—viz., 250 to 256. The mine looks well, with every prospect of greater improvements. Present returns and rate of dividends will be continued; as the reserves, however, are being increased by fully £2000 per month, it is fully expected, when the new mackinery now in course of erection is completed, increased asies of ore and dividends will be the result. Those of my clients who followed my advice by purchasing shares during the decline have reason to congratulate themselves. At the next meeting, early in January, the usual dividend of £1 per share will be declared, and leave a balance in hand of about £3000. Every information and advice given on application, either personality or by letter.

MIT. F. G. LANK is a BUYER of the following shares at prices annexed, or a SELLER at a small advance:—
25 No. Treskerby, £3%.

20 East Caradon, £44.

20 Luccott, £9.

30 Marke Valley, £8%.

30 East Cara Bree, £113.

50 North Crotty, £43%.

Bankers: London and County Bank.

T. AMES B. BRENCHLEY, 78. OLD BROAD STREET.

JAMES B. BRENCHLEY, 78, OLD BROAD STREET, LONDON, E.C.,
PURCHASES and SALES effected in MINING and OTHER SHARES. Holders of temporary unmerketable stock assisted in the disposal, and advice given as to the desirability of selling or purchasing any market accek. Inspection of mines obtained by competent agents.

Bankers: London and Westminster.

M. R. R. H. M. JACKMAN, MINING AND SHAREBROKER,
9, ADAM'S COURT, OLD BROAD STREET, CITY, E.C.
SHARES FOR SALE, free of commission, for cash:
5 CHRON, £214,
10 Uny, £734.
10 Dyfngwm, £10.
20 East Rosewarne, £24,
10 Carnewas, 11s.

Furchases and sales effected in every description of mining shares at nett prices, or nomission. Mines inspected on reasonable terms.

Dec. 19, 1862. Bankers: London and Westminster, Lothbury.

MR. JOHN METHERELL, MINE SHARE DEALER, 2, BIRCHIN LANE, CORNHILL, LONDON, E.C. Mr. J. METHERELL, having been practically engaged in mining for the past 30 years, is enabled to give sound advice as to dealing in shares.

Telegraphic orders punctually attended to.

JOHN RISLEY, 32, LOMBARD STREET, LONDON, E.C. SHARES in MINES BOUGHT and SOLD on commission, at 11/4 per cent., for immediate cash. Bankers: London and Westminster, Lotabury.

WILLIAM SEWARD, MINING BROKER, STOCK AND SHAREDEALER, 26, THROGMORTON STREET, JONDON, E.C. Commission, 1½ per cent. on all transactions. E. GOMPERS, MINING OFFICES, CROWN CHAMBERS, THREADNEEDLE STREET, LONDON, E.C. 288 TRANSACTED IN BRITISH and FOREIGN STOCKS and SHARES. Terms, 1% percent.—Bankers: London and Westminster Bank.

RICHARD CLIFT, MINE SHAREDEALER, late of Redrath, now 46, THREADNERDLE-STREET, LONDON, where all letters are to be addressed.

MESSRS. R. HORLEY AND CO., SWORN STOCK, SHARE, and MINING BROKERS, 45, CORNHILL, E.C. (late of 2, Royal Exchange-buildings), TRANSACT EVERY DESCRIPTION OF MINING BUSIN ESS, on commission only, and are in a position to obtain reliable information respecting all dividend and progressive mines.

N.B.—Mesars. Horley and Co. publish a Weekly Mining List, with the closing prices every Wednesday, and will be most happy to forward the same (gratis) on application.

NVESTMENT.—MR. THOMAS SPARGO, STOCK, SHARE, and MINING BROKER, Nos. 224 and 225, GRESHAM HOUSE, OLD BROAD REEET, LONDON, E.C., publishes, every Wednesday, a GUIDE to BRITISH and OREIGN MINING, and OTHER INVESTMENTS, which should be consulted by a situation of the consulted by a situation of the consulted by the

ENRY GOULD SHARP'S

Should be CONSULTED by the FURLIG before IN VESTING. It contains reliable information and advice to capitalists REFORTS on MINES, RECORD of MARKET PRICES, and is the only "SAFE GUIDE" for the investment of capital.

Established 10 years.

Offices, 32, Poultry, London, E.C. PEROXIDE OF MANGANESE.—FOR SALE,
THREE HUNDRED to FIVE HUNDRED TONS.—Purchasers of this article
will please address "Peroxide," MINING JOURNAL office, 26, Ficet-street, London, E.C.

WANTED TO PURCHASE, ONE HUNDRED or TWO HUNDRED SHARES in WHEAL SIGILY, at 12s. 6d., all calls paid.—Apply to "P. G.," MISING JOURNAL office, 26, Fleet-street, London, E.C.

WANTED, a young ENGLISH ENGINEER, CONVERSANT with MECHANICS and MINING, and with a knowledge of French and German. Salary, 2150 a year.—Apply, post-paid, to "S. H.," Rixon and Arnold, 23, Poultry, City, E.C.

WANTED, a SITUATION as MANAGER at a COLLIERY.
Would survey, and keep up the plans, if required. Good references.—Address,
'F.," Wellington-terrace, Cardiff.

OKE OVENS.—WANTED TO RENT, about FIFTY OVENS, near to some good small coking coal.—Full particulars to be forwarded to Mr. C. STUART BARKER, mineral agent, 12, Buckingham-street, Strand, London, W.C.

MR. EDWARD BREWIS, STOCK, SHARE, AND MINING BROKER.

OFFICES,—49, GREY STREET, NEWCASTLE-ON-TYNE.

FOR SALE:—5 East Grenville, 10 South Caradon Hooper, 10 East Seton; 5 Slate Mountain (limited), £5 each, £5 paid; and a few Cork Carpet Company shares, £5 (limited), £2 paid, expected to pay upwards of 50 per cent.

JOHN GLEDHILL AND CO., MINE AGENTS AND marebrokers, mining offices, corn exchange, Leeds.

MESSES. A. FRANCIS AND SON, DOLGELLY,
MINES INSPECTED and PAITHFULLY REPORTED ON, with PLANS and
SECTIONS of the WORKS.

JAMES H. COCK, MINE SHAREBROKER AND DEALER,
J. H. Cock, having had 10 years' experience in the mining market, and being thoroughly
acquainted with mines and their management, is in a position to advise or do business
on the most advantageous terms. Cash or time bargains promptly attended to.

MR. T. H. ANDREW, MINE BROKER, LELANT,
HAYLE, CORNWALL.
Business at all times in Providence, East Providence, Margaret, Kitty (Lelant) Trencrom, St. Ives, Trelyon, Rosswarns Consols, Rosswall Hill, &c.

OFFICES (ESTABLISHED 20 YEARS).

MR. H. SANFORD, BRITISH AND FOREIGN STOCK
AND SHAREBROKER, MUSGRAVE'S ALLEY, EXETER.

MR. GEORGE HENWOOD, MINING ENGINEER,
LOCHHEAD HOUSE, LOCHWINNOCH, SCOTLAND, OFFERS by
VICES and ADVICE on mines situated in any part of England, Scotland Walsa, haland, Isle of Man, &c. Mr. Henwood extrassive experience in the specurity department
of mining science in well known, and will be exerted to the strate for the benefit of
the clients.

MR. F. LISABE, C.E. AND C.M.E., may be considered or personally, at his office, No. 25, MOORGATE STREET, CETY, GARY, ZER

Briginal Correspondence.

WORKING COAL—"LONG WALL" v. "STALL AND PILLAR."

Sir,—Since Mr. Naysmith has been so candid as to admit that his practical experience has been derived under the guidance of some of the most experienced mining engineers of the day. I think it would be unfair to accuse him of want of candour in answering the questions put to him, otherwise I should have done so. His simple statement also serves to dispel my previous conviction formed through his urgent recommendation of an extended use of these expensive and much-abused articles. I nevertheless should have treated Mr. Naysmith with that respect which is due from one opponent to another, even had my mind not been disabused of the idea that his acquaintance with coal mining was even something less than that of a pupil. My object is to give and receive instruction, otherwise I should not tax myself with additional labour at a period when every available moment of my time is occupied. It, therefore, matters little whether I have Mr. Naysmith for an opponent or one of his experienced guides, providing he will aim at the same object. Mr. Naysmith says "It is all a mistake for either Mr. Goodwin or anyone else to undertake to instruct how to work a coal field to which you are an entire stranger." I admit that to some extent it would be difficult to determine what would be the best method of working some seams of coal, even if the very best descriptions were given of them. But I think even Mr. Naysmith will admit that the difficulties cannot be very great in arriving at the conclusion that it is unwise to condemn any system before trying it. It is against this unwise to condemn any system before trying it. It is against this unwise to even should fail to do so your are not only unable to judge of the system you speak of, but you are in great danger of lessening the force of your remarks upon other subjects that you happen to be acquainted with. If Mr. Naysmith had not furnished your readers with diagrams illustrative of what he calls the long wall system, some of his obj WORKING COAL-"LONG WALL" v. "STALL AND PILLAR. the coal seams in question, I see no reason to think otherwise but that the long wall system might be successfully worked in the South Wales coal field. It would, no doubt, be requisite to exercise considerable perseverance that the prejudices of the workman should be overcome; but collers, like most other classes, will even make prejudice yield to self-interest, providing the subject be fairly placed before them. Mr. Naysmith appears to be at a loss to know what part of his diagrams so puzzled me, and yet admits that they were so much reduced in the hands of the engraver that it would have been incorrect to have put any scale to them. My object in asking for a scale to the diagrams and for the pits to be put on was so that I could measure the distance the air would have to travel through the intricate windings shown upon the diagram, and compare what Mr. Naysmith deems the most perfect system of ventilation with something that I am vain enough to believe is still more perfect than Mr. Naysmith's perfection. Mr. Naysmith asks whether I have seen a colliery worked on the plan described by him as the pillar and stall system. In reply, I may remark that I have seen several, and will presently furnish him with some interesting facts of the last I saw worked upon this principle. First remarking that I should not have stood alone had I not been fortunate enough to have had some experienced colliery managers that I am acquainted with contended, when I showed him Mr. Naysmith's diagrams, that it was not the pillar and stall system, but a combination of the long wall and pillar and stall. This person has had more than 40 years' experience in pillar and stall working. The last time I saw the Agstom at work it was at a colliery that I have had occasion to visit very frequently dûring the last twelve months. At the time I begar'to visit the colliery the attention of she proprietors had been drawn to the fact that the proportion of round coal had continued to diminish from the time this system had been introduced. The resid wall system might be successfully worked in the South Wales coal. It would, no doubt, be requisite to exercise considerable persevee that the prejudices of the workman should be overcome; but col-

COLLIERY WORKING-"PILLAR AND STALL" SYSTEM.

Colliery Working—"Pillar and stall, as I described it, has another opponent in the field, under the signature, "One of the Public." Now, I will endeavour to point out as clearly as possible the ideas put forward, and see how far they are practical. I may first state that the plan this "Shadow" shadows forth has been practised in many collieries I could name in South Wales, many of which I have had occasion to visit, and from what I have seen and know of the system, I am much surprised to find anyone advocating it in this valuable public journal. To begin, then, he says (quoting from my paper), "We are told that the first plan shows a system of ventilation of the most perfect description." This I maintain; but what says our author? "Anyone acquainted with the subject knows that it is no such thing." By this term "anyone," I suppose he means himself, as he is either anyone, anything, or nothing, as he stands at present. He then makes the following observations:—"By the system here laid down, let us suppose any one of the stall-doors to be left open by neglect, the result is that the workings or stalls beyond that point are without a current of air." My answer is that no door in a well-managed colliery can be left open by neglect; doors properly hung, so as to close of themselves, cannot be left open by neglect; but would not this same argument hold good if one of the doors he proposes to put up should be left open? He then goes on to say, "Now, the remedy is simple: by making a communication between the second and third heading, the current of air will always be steady and permanent, and every door doubled by having a door at the top and bottom of the heading—one door above the first cross-hole, and one below the farthest cross-hole." I will now try and point out how far this simple remedy is practicable: in the first place, we are to have a communication between the tops of the second and third headings. So on reference to my diagram it will be seen that the third heading is not so far advanced as the second; bu

turn the air into the first stall in the second heading on to the "goaf," and sweep out all gas making there, afterwards course it up through the stalls (quite the reverse of what I show) through a communication to be made between that and the third heading, then down through that set of stalls, and, I suppose, up the next heading, and thus all round. Is this the act of "a friend of humanity," to drive explosive gas, the poor colliers most dangerous enemy, into the midst and through and amongst the whole of them? But why did not this gentleman propose having a communication between the first and accord headings (which must necessarily be to serve dangerous enemy, into the midst and through and amongst the whole of them? But why did not this gentleman propose having a communication between the first and second headings (which must necessarily be, to sarry out his ideas), and carry the air over the "goaf," then down the stalk in the second heading, up the third, and so on through the whole of the workings, and finish his system? I can vouch for the accuracy of his next remark, which is,—"The system which I have shown is nothing new." My dear man, it is as old as coal mining; but as to its being practised in all well-conducted collieries—please name one! Again, quoting from my paper, he says,—"We are told to put in air-crossings strong enough to resist the force of an explosion;" to this he puts the question, "Who ever heard of such a thing?" I might reply in his own phraseology, and say "anyone acquainted with the subject in question;" then, of course, he might say immediately that I mean to call him Nobody, as he never heard of it. Be it so; as it is certainly intended by all practical mining enheard of such a thing?" I might reply in his own phrascology, and say "anyone acquainted with the subject in question;" then, of course, he might say immediately that I mean to call him Nobody, as he never heard of it. Be it so; as it is certainly intended by all practical mining engineers that air-crossings should be strong enough to resist the force of an explosion. He then (unwittingly I suppose) puts the question, "Why does he want sir-crossings so strong?" I will pass over the "blow up," and go on to his other remarks, wherein he says, "As a friend of humanity, I entreat him (meaning me) to adopt safer and wiser plans than what he suggests. If he should object to the system I have given in any respect, I shall be most happy to give the outlines of another arrangement." Now, I object to this system in every respect, and if I am to have another pointed out, I should prefer a "younger one" next time. He then goes on to say, "The other systems in reference to working coal and ventilation I have not commented on here, are equally as fallacious in principle compared with the one I have remarked upon." This is pitched in a very high key, coming, as it does, from Nobody; but as he only shows off the advantages of the system shown as the pillar and stall in my diagrams, by putting the questions he has, I commend him for concealing his name, as there would certainly no credit accrue to it. After such an argument in favour of the "old worn-out" system of carrying the air in one continuous current, this is Mr. Shepherd's theory—he says, "I know from experience it is impossible to ventilate a colliery properly when the current of air is split into so many channels at the same time." I should like to undeceive all such poor benighted creatures, and show them through a colliery worked and ventilated on this system.

J. NAYSMITH.

COAL WORKING—"LONG WALL" v. "STALL AND PILLAR."

Sir,—My paper, published in the Journal of Nov. 29, seems to be taken to pieces, and contorted in all shapes and forms, to answer the purposes of different parties. Mr. Shepherd, for instance, supposes the shaded parts on the sides of the "gate-roads" represent coal left to support the roof. Now, how any rational being can look at my diagram of the long wall, and suppose the shaded parts to represent coal left, I am puzzled to know; but if Mr. Shepherd will trouble himself to look at the reference to the diagrams, he will there find it stated that the shaded parts represent "gobwalls," and not coal left. But this is not the only misrepresentation made by this gentleman; he continually misrepresents my remarks, and I, therefore, wish parties who may be interested in these papers to always refer to the originals when any quotations are made. It must not be understood that I say Mr. Shepherd wilfully misrepresents my remarks; but I believe (with others) that he knows nothing of the subject in question (at least as far as the stall and pillar is concerned), and thus one misrepresentation after another unwittingly escapes him. He made three statements last week which I might show in another light, but it is useless. I, therefore, leave Mr. Shepherd until he can comply with my conditions of last week. I am glad to see that Mr. Goodwin corrects his misquotations.

Aberystwith, Dec. 26. COAL WORKING—"LONG WALL" v. "STALL AND PILLAR."

COAL WORKING-"LONG WALL" V. "STALL AND PILLAR. SIR,—One parting word with Mr. Naysmith. I beg respectfully to inform him I have no ambition whatever to be considered the champion of the long wall system; I am not so vain, but am simply its humble advocate. I saw a great national defect in the working of our mineral wealth, and I brought that defect prominently before those interested. For Mr. Naysmith personally I entertain the greatest possible respect, and I must say he has done his best to defend his system, but in doing so he has had to bear the sins of a system, not his own; but I trust, now he sees these defects in the true light, he will be the first to wipe away this stain from the mining engineers of England, and I can assure him he will have my best wishes for his success.

mining engineers of England, and I can assure him he will have my best wishes for his success.

With reference to Mr. Goodwin's letter, if I had misquoted his observations I should have much regretted it, and offered every possible apology for so doing, but I do not find I have done this, as here are his own words. In describing the three-quarter seam, he states—"This seam is somewhat difficult to hole in." Now, he evidently put this forward as a difficulty, and as such I commented on this supposed difficulty without misquotation in any way. As to the other part of his letter, he states he has seen a keen, shrewd Shropshire man fail in introducing the long wall appears a classwhere. Well, I have seen what we nave termed a keen, shrewd non man fail at his work in Shropshire, and I have seen another man, not much regarded for either his keenness nor yet his shrewdness, take his place, and carry on the same work, without knowing he had a difficulty to contend against. Perhaps this is an answer to his question. In a word, I was surprised to find an advocate of the long wall represent such frivolous things as his difficulties; in fact, his letter altogether strongly impressed me with the idea that, although he put forward the real, he had a plentiful supply of the mock turtle in reserve when a difficulty like the holing occurred.

George Shepherr, C. & M.E.

26, Throgmorton-street, E.C.

26, Throgmorton-street, E.C. -

THE EDMUND'S MAIN COLLIERY ACCIDENT.

THE EDMUND'S MAIN COLLIERY ACCIDENT.

Sir,—There has been another of those fearful accidents in our neighbourhood during this week at the Edmund's Main Colliery—upwards of fifty killed by the explosion, and four others who risked and lost their lives in trying to save some of the sufferers. Now, my object in writing to you is to call the attention of colliery owners, inspectors, &c., to what I think would be of great use in cases like this at Edmund's Main. I would suggest that each colliery or pit should have provided what might be called "an underground diving helmet," similar to those used by divers, but less costly; this might be connected with a force-pump, or, perhaps, a pair of good bellows might answer the purpose, by a flexible tube supported by light carriages on wheels, or in some other way that would suggest itself on trial; the pump or bellows might be placed at the bottom of the shaft nearest the men wanting help. One pipe would be sufficient, with a valve opening outwardly, to allow the escape of the air that has been respired. Sufficient signals might be made, with two or three small bells of different tones, for anything that might be wanted. Something should be done to make the noble men's lives more secure, who so daringly and humanely risk their existence in the cause of humanity. If this suggestion should lead to any practical good I shall feel glad.

Grimesthorpe, near Sheffield.

PEAT AS A SMELTING FUEL.

PEAT AS A SMELTING FUEL

Sir.—Although I am quite as desirous as Mr. Austin to promote in-dustrial progress, and to aid the inventor of anything really good and useful in obtaining a remuneration for his ingenuity, I am compelled to observe that Mr. Austin's letter contains no answer to Dr. Paul's assertions. The question as to whether the process of Mr. Buckland can succeed in a com-

question as to whether the process of Mr. Buckland can succeed in a commercial point of view has been so fully discussed in the Mining Journal, that it might be thought further points could not be raised. So far, however, from this being the case, I find that every week presents fresh difficulties to my mind, and almost leads me to fear that the discussion would be as the treatment of the fuel has always hitherto proved to be.

When Mr. Buckland's process was first described in the letters of "Publicus," I took some part in a discussion, but owing to Mr. Buckland undertaking to do for 2d. what had always cost me from 4s. to 5s., our calculations, of course, did not agree. "Publicus" started with the assertion that he simply washed out the decomposed portion of the peat, and considered the fibres as refuse, his opinion being that it was the fibres which prevented the consolidation of the peat. Rumour says that he has now discovered his error, and chops at least a portion of the fibre into the mass, which, if true, changes the character of the invention—if not, invalidates its patentability. I maintain that if the peat be treated according to Mr. Buckland's invention it will require on an average 10 tons of

peat from the bog to give 1 ton of washed peat ready for the brick; chine—unless, indeed, the weight of the additional water which the

peat from the bog to give 1 ton of washed peat ready for the brick machine—unless, indeed, the weight of the additional water which the washing process puts into the peat be taken into account. If the fibres be cut up and added as now stated, it would manifestly require less bog peat for a given quantity of washed peat, but there would still be the water question. I recollect that Messrs. Gwynne reduced the entire mass of peat to powder in the same way, or nearly the same way, as Mr. Buckland is now supposed to do, but they added no water, their object being to dry and not to wet the peat. The dried powder was then compressed by hydraulic machinery, and a peat resulted which certainly stood the blast extremely well. Now, as the powder is very easily dried by the heat obtainable from the coarser, stemmy, upper peat, all that is required is consolidation, and I believe that if a small portion of the oily products of peat were used a pug the powder with, and the hydraulic pressure applied to the puggel mass, a really good peat fuel would be obtained, more cheaply than by any other means, though I will not say at a price to make it commercially remunerative. The expressed oily matter could, of course, be re-used. Perhaps Mr. Austin will give his opinion upon this proposition at the same time as he replies to Dr. Paul's assertions. If he will also stat whether I am correct in asserting that sulphur is almost as invariably found in peat as in coal, he will confer additional obligation. I have always maintained that there are certain isolated masses of peat, especially mountain peat as in coal, he certain isolated masses of peat, especially mountain peat as in coal, de profitably treated either for fuel or chemical enters and peat as in coal, he certain isolated masses of peat, especially mountain peat as in coal, de profitably treated either for fuel or chemical enters and peat as in coal, de profitably treated either for fuel or chemical enters and peat as in coal, de profitably treated either for fuel or chemical e

nound in peat as in coal, he will conier additional obligation. I have alway maintained that there are certain isolated masses of peat, especially mountain peat, which could be profitably treated either for fuel or chemical products, but it has hitherto proved that the masses are so small and few the they are not worth looking for.

R. R.

IRON-MAKING-"BLOOMING."

IRON-MAKING—"BLOOMING."

Six,—For some time past accounts have been given in the Journal of Mr. Charles While's patent blooming-mill, in course of erection at the Dowlais Ironworks, and in last week's Journal the result of its first trial, which is represented as "very successful." This may or may not be correct; but my object in drawing attention to the matter is to inform Mr. Charles While that, if he lays claim to the priority of the invention of rolling iron by means of horizontal and vertical rolls combined, he takes to himself what is not really his own. Patent after patent has been granted for precisely the same mechanical appliances, and if Mr. While will take the trouble to look over the back numbers of the Mining Journal, Estagineer, and other scientific Journals, he will find drawings, with descriptions, of the very apparatus he takes credit for.

Tubal Cain.

Merthyr*, Dec. 17.

ORE-DRESSING MACHINERY.

Sir,—In a letter on Ore-Dressing Machinery, in the Journal of Nov. 2 One present at the Experiments?" made at the Exhibition with Mr. Joi "One present at the Experiments" made at the Exhibition with Mr. John Hunt's patent jigging machine, is somewhat incorrect in his statement of the opinion which I expressed on that occasion. I, therefore, take the liberty of offering a few remarks on the subject. As far as positive results are concerned, I agree that the question can only be settled by experiments on a larger scale. I consider the continuous current in Hunt's jigging machine an improvement on the hydraulic jigging hatch in use on the Continent since the last fifteen years or so, but it is one the importance of which should not be over-rated. I think it calculated to accelerate in some degree the process of jigging, the more continuous suspensions of the stuff (caused by the constant upward and forward current of water) assisting the separation of the rich particles from the poor. Beyond this, I do not see much difference between the two systems. The backward current of water in the German machine cannot disturb the particles of stuff in the position they have attained by their respective gravity; and I doubt when of water in the German machine cannot disturb the particles of stuff in the position they have attained by their respective gravity; and I doubt whether any difference will be found in the richness of the hutchwork, as the downward current of water, which might be said to draw with it particles of the waste, must also close the apertures in the sieve by the particles of the waste, must also close the apertures in the sieve by the particles lying immediately upon it. From practical experience of the German hydraulic jigging hutch, I have no hesitation in stating that it will dress the ore quite as thoroughly, though rather more slowly, than Hunt's jigging machine. There is another poths in the latter which is undoubtedly of far greater importance,—I mean the discharge of the waste by means of a forward current of water. Whether it is capable of doing this without loss in mineral (and I doubt it), is a question which the experiments referred to were quite inadequate to show, and which could only be decided by a course of the most carful experiments upon larger quantities of stuff of various richness. If successful in this respect, Hunt's jigging machine would have a great advantage over the German hydraulic jigging hutch, as it would allow of a much larger quantity of stuff being treated in an equal length of time. I consider the principle adapted for the discharge of waste in a somewhat similar machine, constructed by Mr. E. Edwards, which has, I am told, been adopted at the Minera Mines, and which was likewise exhibited in Class I. at the Exhibition, better calculated to answer that purpose,—the waste in this case being discharged by means of scrapers, et is reaction by the reaction and the calculated to answer that purpose,—the waste in this case being discharged by means of scrapers, et is reaction by the reaction and the calculated to answer that purpose,—the waste in this case being discharged by means of scrapers, that purpose,—the waste in this case being discharged by means of scrapes set in motion by the machine.—Dec. 17. E. V. Lindon.

MINING IN CANADA EAST.

MINING IN CANADA EAST.

Sir,—The mineral range of this province embraces a tract of country extending in a north-east and south-west direction, about 40 to 50 miles wide; and taking Quebec and Lake Champlain as a central line of its bearing, you have a general outline of this mineral region. Its geological character, like most other metalliferous formations, is variously composed, and is set down by those of the profession as belonging to the Metamorphic and Silurian series, the base of which is an argillacious slate, and not very dissimilar to those in the country of Wicklow, Ireland, and in many parts of Cornwall. Beds of limestone are occasionally found; quartose schist, chlorite or peach, talcose schist, and slates, having a nacreous or pearly lustre, like that of talcose slate and mica disseminated, also abounds. Numerous veins of white quartz, bearing bunches of chlorite, ilmenite, iron and copper pyrites, occur between the strata, and are called imbedded veins. Some of these quartz veins are charged with considerable quantities of coper ores, in the form of green carbonates, red oxide, ferrugious black and copper pyrites, occcur between the strata, and are called imbedded ven Some of these quartz veins are charged with considerable quantities of co per ores, in the form of green carbonates, red oxide, ferruginous bla oxide, copper pyrites, grey, purple, and bell-metal copper ores. Brov spar, or carbonate of iron, also occurs with these ores in the quartz vein The rock mostly forms regular strata, is highly inclined, and dips to in north-west, at angles varying from 45° to 60°, and coursing for the mo-part with the formation.

part with the formation.

Several copper mines have been opened in this region, among which the celebrated Acrox Mine holds a prominent position. This mine has been opened some 80 ft. deep, and about 800 ft. in length. The lode is mostly composed of limestone of the dolomite species, and copper ores in large proportions; it is about 3 fms, wide on an average, and dips to the northwest, on an angle of about 50°, while its bearing is with that of the formation—north-east and south-west. The foot-wall rock consists of a light coloured slate and layers of grey trap. The hanging-wall is a black shale, in which thin veins of yellow copper are found, and would well pay for working, independent of the main lode. Hitherto this part of the mine has been neglected, as the main lode is most productive, and produces richer quality ores, consisting of horseflesh, peacock, and bell-metal colours, yielding by a chemical analysis made by Dr. Jackson's report he shows that the proceeds of the mine in less than three years after it was first opened amounts to \$489,600, and that during the month of July last (the month previous to his inspection) 250 men and boys were employed, and 297 toos. previous to his inspection) 250 men and boys were employed, and 297 too of 14 per cent, ores were raised and marketed, at a cost of \$6500. The proceeds from this ore were \$16,632, giving a balance of profits for the month of July of \$10,182. And further adds—"It is not improbable that by complex the mine more fully and nothing a larger force upon it that by opening the mine more fully, and putting a larger force upon it, the monthly average of profits might be raised considerably above the sum given for July." One-half of this wonderful mine has lately passed into new hands—parties in Boston and New York—for the cash payment of \$250,000, and I am given to understand that this stock has already doabled itself in the Boston market.

itself in the Boston market.

Next in imoprtance to the Acton is the Leeds Mine, in Meganic county, some 40 miles more or less south-west of Quebec, the property of the English and Canadian Mining Company. This mine has been a much longer time at work than the Acton, and, in fact, may be regarded as the pioneer of mines in this región; it is situated in the centre of the mineral range above described, and I am informed has been opened very extensively. I have not yet visited this mine, but purpose doing so before long. A friend of mine who has lately visited there gives a splendid account of the concern, and I consider his testimony may be regarded without controvers, as his object was to gain information for his own guidance in other concerns. He says the mine has been worked for several years, and laid open extensively at different points; that several bunches of copper ores have been discovered in what are called lanticular veins; that most of these veins, although very rich at times, give out at a feather edge, and are not always continuous. But of late a new feature altogether has presented

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STAMP DUTY ON TRANSFERS OF SHARES.

SIR .- In the Journal of December 6, among Notices to Correspondents, I observe it stated that "transfers of mining shares require a 6d. Inland Revenue stamp," but on referring to 13 and 14 Vict., cap. 97, it appears to me that the stamp would be the same on sale or transfer as ad valorem duty on conveyances. Will you have the goodness to answer the following

queries in your next Journal:—

1. I am a shareholder in a limited company, and wish to transfer shares to the value of 350L—shall I require a 1L 15s. stamp, or will the form given in the Act, put upon a 6d. stamp, be sufficient and equally legal and binding?

and binding?

2. In case this be so, in what Act is the change, authorising this departure from the usual stamp duties, to be found?

3. In another place it is stated that scrip shares must be upon a 1d. tamp. What is the strict definition of scrip share, and is it imperative that all share certificates of a joint-stock company should be upon a 1d. w. C.

that all share certificates of a joint-stock company should be upon a 1d. stamp?—Whitby, Dec. 16.

1. The stamp duty on the transfer of a share in a limited company (not being a cost-book company) is governed by stat. 13 and 14 Vict., cap. 97, according to the amount of the purchase-money. If 350l. be the purchase-money, then 1l. 15s. is the proper stamp; but if the purchase-money be more or less, then the amount of the stamp duty should be more or less, according to the scale set forth in the above Act, under title Conveyance. A 6d. stamp is, therefore, an improper stamp.

But if the mine be a cost-book m ne, the transfer can be effected by a simple notice to the purser, requesting him to register in the cost-book the purchaser as owner of the shares, and such notice requires a 6d. stamp, and nothing more. Such 6d. stamp applies to cost-book mining companies only.

2. The cost-book stamp of 6d. is ordained by statute 23 Vict., cap. 15.

3. By the statute 16 and 17 Vict., cap. 63, sec. 8, a scrip certificate, or any document denoting the right to any share in a joint-stock or other company, or proposed company, where such right is transferable by the delivery of such certificate, or otherwise than by deed, must bear a 1d.

Ascrip share is one which passes by mere delivery of the certificate.

An ordinary share certificate—that is, one that does not pass the share or shares by delivery—does not require a stamp, as it is a mere admission by the company that the holder is entitled to the share or shares mentioned therein, the instrument of transfer being the conveyance and his title.

T. T.

THE CARADON DISTRICT.

THE CARADON DISTRICT.

Sir.—An article appeared in the "Mining and Smelling Magazine" for December, 1862, referring to the character of the mines in the Caradon district, their market value, probable continuance in depth, &c. With the former we have nothing to do; but think it necessary, in justice to the adventurers of this mine particularly, and for the information of all those interested in the mines of the localty, to offer a few symmaths on the "these ries" of the writer of the article alluded to. The "secondary" and "primitive" granites are spoken of, and the latter called an unproductive rock. As to the granite of the Caradon Hill, we find no difference of character. Pieces taken from the north, middle, or south part of this sett present the same appearance, and would, therefore, we apprehend, puzzle the geologist to determine which is primitive or secondary. But all this is really of no consequence whatever; facts are worth a thousand theories, especially when the pockets and interests of adventurers are concerned. And now, what are the facts as regards the working of this mine in depth? We are now in the heart of the hill, and on one of our north lodes, looking better than for many years past, and in what may be termed "primitive granite." For some time we have had a lode in this part of the mine producing the following results:—In the 40 fm. level, 5 tons per fm.; in the 90, 6 tons; in the 100, 8 tons; and in our deepest level, the 160, it is yielding 7 tons per fm. We, therefore, do not for a moment doubt having a deep and lasting course of ore in the primitive granite, and also venture to believe the foregoing is strong testimony in disproof of the views put forward by the writer of the article referred to. The measurements are under adit; add to the above 30 fathoms, and we have a total depth from surface of 190 tathoms. We believe it most desirable these particulars should be before the public. It is not our practice to offer opinions in the Mining Journal, nor should we venture to do so now, but

GOLD IN WALES.

Sir.,—Your correspondent, "A Practical Miner," has been misinformed with regard to the recent trials at the Cambrian Reduction Works. He states that "three or four bunches of visible gold were also broken at the Cambrian Mine, which went under Mr. Hopkins's treatment, as well as an immense quantity of the bulk of the gold lode, but it is to be feared that the result of the trial will not answer to his reports at the commencement of his operations."

camorian Mine, which went under air. Hopkins's the ances, as immense quantity of the bulk of the gold lode, but it is to be feared that the result of the trial will not answer to his reports at the commencement of his operations."

I believe lumps of quartz, with visible gold, have been formerly discovered in, and broken from time to time from, one of the veins in the Cambrian property; but no such product was seen, much less received, at the refuction works during the experiments referred to. No rich minerals were broken nor applied for until the works were in complete order, and the boys well trained to carry on the process; hence the reason why the poor suff lying on the surface, containing less than 1 dwt. of gold per ton, was treated, and not necessarily with the expectation of obtaining beneficial results. The rich parts of the mine will, doubtless, be broken and reduced to advantage as soon as the mine agent has had time to open the lose and arrange his plans of working properly and economically. I have made no reports on any of the gold mines of Dolgelly, and, as regards the Cambrian, my opinions were not required, as the company had engaged the mines under the sole management of an experienced gold miner—Capt. Martin.

the mines under the sole management of an experienced gold miner—Capt. Martin.

My business at the Cambrian was simply to introduce the best system of extraction, and nothing more; and I am happy to state that this object has been satisfactorily established, and I would unhesitatingly guarantee to reduce surferons rocks and minerals at a cost not exceeding 3s. Per ton, provided it be done at the rate of (say) 500 tons per week, and dio extract above two-thirds of the contants, provide 1 the raw materials contained, by assay, on an average about 15 dwts. of fine gold per ton; therefore, I have every reason to be satisfied at what I undertook to perform, and I have no doubt but that the directors and their agents will attend to what a required to do justice to the properties of the company, so as to ensure a successful issue.

I hope your correspondent will be better informed in his next communi-

iself at this mine, by the discovery of an interstratified bed, bearing rich copper ores for several feet in thickness, mostly disseminated, and produces of an average for the whole thickness of the bed about 3½ per cent. of rich quality ores. That as they proceed in depth it also increases in quality, and has been opened upon at different points, in all of which the same characteristics are observable, and by pulverising and washing the ore is apable of being dressed up to a high percentage. My friend estimates, from the extent on which this interstratified bed has been opened, that there is an amount of copper discovered sufficient to give a nett profit of \$400,000\$, after deducting mining, dressing, transportation, and marketing expenses; to say nothing of what copper may yet be mined below the depest point yet opened, which is only 30 fins, from surface. Most creating this is a very important discovery for those interested, and throws a food of light upon mining operations throughout the region, more especially in the Megantic district.

In the same county, in Halifax township, about 20 miles south-west of Leeds Mine, some rich bunches of copper ores have lately been discovered, and mining operations commenced by parties in Boston. These trials are yet in their infancy, but, judging from the indications at large, they have all the probability of success. There are several other mines in this region, most of them recently started with good prospects. For the present I forbar to trespass further on the columns of your esteemed Journal, but will give some further information in my next communication.

STAMP DUITY ON TRANSFERS OF SHARES THE GOLD COMPANIES.

SIR,—Your correspondent to take upon himself, yet I will do my best to give him some information on the matter, and must leave it to him to form his own opinion which is the best to invest in. To enumerate all the mines in the Dolgelly gold district would take up more space in your valued columns than you could afford to give me. In the first place, I will mention the Cwallers of the mine. This mine will be a success I think there can be little doubt, when we take into consideration the results ebtained from crushing 160 tous of stuff from all parts of the mine. This mine is worked by a private company, as, indeed, most of the Weish gold mines are, while as many are worked by private individuals. I will, therefore, pass by the Prince of Wales (equally as rich as the Clogau), Berthliwyd, Garthgilt, and very many others, and direct my attention to what may be called the public companies—those brought out and advertised in London—the Cambrian, Dolfrwyneg, East Clogau, S. David's, Sovereign, and the one before the public, the East Cambrian. The Cambrian, to doub, besare every probability of success. Fine rich specimens of visible gold are often found, while the best available taken has been engaged to conduct the operations. Good however as the property is, I cannot see why, before any returns are made, the shares should stand at the very high premium they do; indeed, at one time the market price of the mine was equal to 150,000., a high sum when we reflect that the mine has only been working three months, and it must necessarily be a long time before adequate returns can be obtained to realise a good percentage on such an amount of capital. I will now touch on the Dollymwine, and it must necessarily be a long time before adequate returns can be obtained to realise a good percentage on such an amount of capital. I will now touch on the Dollymwine, and it must necessarily be a long time the extraction a comparatively casy matter. I think this mine will bay, but shares are difficult to be obtaine

EVILS CONNECTED WITH MINING.

Dolgelly, Dec. 15.

CAPER IDRIS.

CONNECTED WITH MINING.

SIR,—That mining, as a whole, is a profitable pursuit those who are acquainted with its statistics can demonstrate. But that there are many evils connected with this pursuit cannot be denied. One of the evils meets the adventurer at his first step—the enormous charge for his title to possession,—in other words, for the mining lease, which is usually granted for a term of 21 years, and contains such covenants as no miner, I suppose, ever did fulfil, being many of them highly ridiculous, absurd, and impracticable. But the evil to which I now particularly refer is the charge made by the landowner's solicitor for the document, which varies from 20 to 40 guiness! And, what is very remarkable, since the reduction of the stamp duty the charge has been increased. Now, the charge for such a document ought not to be more than 101, and I hope to see the time when it will be reduced to less than that—when a universal form, provided by Parliament, shall be adopted, containing, if possible, as few words as a hawker's or a victualier's license. The charge made at present bears heavily on poor lessees.

Another evil is the charge made at present bears heavily on poor lessees.

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Another evil is the charge made by the lessees, or licensees, to the company for the mine. I am aware that companies can refuse to accept the terms proposed to them; but in times of mining mania discretion is absent, and, th refors, very foolish bargains are made; such a sum as 50001 being paid for an old mine, the real value of which may not be 5d. There are two things which much surprise me—first, how lessees can have the effrontery to ask so much for an old abandoned mine; and the second is, that capitalists are so foolish as to pay the money. I hold it quite fair that a man who has taken the trouble to search out and obtain a promising mine should be well paid for his time and expense, and something beyond; but to ask 5

MINERS' FUND FOR THE RELIEF OF THE LANCASHIRE

MINERS' FUND FOR THE RELIEF OF THE LANCASHIRE OPERATIVES.

SIR,—Can we not raise a fund amongst mining brokers and speculators in mines for our starving fellow-creatures in the Laucashire districts? I believe we can, and that it only requires to name a receiver of the subscriptions to prove that both brokers and speculators can unbutton their pockets as well as other people. The fortonate speculator who refuses to do so deserves to lose every shilling he has earnt, and I am superstituous enough to believe that such a thing would not be in the least improbable, whitst the unfortanate speculator must hope and believe that such a good and praiseworthy action, and for such a chartable purpose, will bring good luck in future spees. Again, I am superstitious enough to believe that such is both possible and probable. The brokers need no encouragement; their subscriptions will be ready enough. We must all bear in mind that by assisting these poor operatives we are but performing our duty—an imperative duty,—that it ir misfortunes are brought in by no fault of their own, that they are perishing for want of warm clothing, and starving for want of food. Many will say they have airready subscribed. Frobably so: so have I, but am willing to do so again. My cheque for 101, is ready. I have spoken to the manager of the Metropolitian and Frovincial Bank, Cornhili, on the subject. He has kindly consented to receive subscriptions, and will forward the various amounts subscribed to the proper quarter. I will call there every Friday for a list of subscribers, so that their names and sums sent to the fund may be inserted in the Mining Journal of the following day. Now, my friends, out with your cheque-books and prove to the world that miners can be as liberal as other people.

PREMENT TO 4.4 A. THE ECCEORUM AND 4.0 ONE D. CANTINGNERS.

REPLY TO "A DIRECTOR" AND "OVER CAUTIOUS."

REPLY TO "A DIRECTOR" AND "OVER CAUTIOUS."

Sir, —Your correspondents, "A Director" and "Over Cautious," whose letters appear in last week's Journal, remind me of the instructions given by the defendant's attorney to his counsel—"We have no defence, a bust the plaintiff." I certainly should not have taken any further notice either of Old Wheal Neptune or its directors, had not one of the above-mentioned gentlemen accused me of stating untruths. I must quote his words. He says—"Our agents can prove that the mine from the commencement of operations to the applied for, and that has severe been used," also, that my statement was the interest of the sake of the adventurers that his fellow-directors know what has been done at their nine better than he does. I now again tell him that my statement was thin; that he possible that this writer is really a director of the company? If so, I hope for the sake of the adventurers that his fellow-directors know what has been done at their nine better than he does. I now again tell him that my statement was thin; that he possible that this writer is really a director of the company? If so, I hope for the sake of the adventurers that his fellow-directors know what has been done at their nine better than he does. I now again tell him that my statement was thin; that he possible that this writer is really a director of the company? I so, I hope for the sake of the adventurers that his fellow-directors know what has been one experienced agents in Cornwall—Capt. Henry James—and that he inspected the winer, the report of the order from the officer, that I forwarded it to ensemble the company is the report of the company. I shall not state in my former latter lange and that he inspected the winer, the report of the order of the hardwarder of the mine history of the limbs, he being the most likely person to dispose of them.

When I commenced this letter stategies to be accreately of the mine, by any of the limbilities. Why these most had not been interested to the shareholder, and one t

impartinent fellow! Why, in the name of common sense, did he mention Old Wheal Neptane at all in his letter? In my letter about prospectuses I never once mentioned the name of the mine. Is it a fact that certain shareholders have been rather troublesome, and that they have written the secretary, humbly remarking that, in their opinion, my former letter called for an answer a little more explicit than was stated in his letter a fortnight since? I hear him say—"How the dence does he know this?" No matter; but as "Over Cautious" speaks of my mesmeric influence, perhaps I know it by means of that! He says, "My mesmeric influence does not extend to him." I wais a common-sense influence would extend to him, so that in future he would not throw out challenges to writers, and then, because they take the trouble of accepting them, just to oblige him, shower his abuse on them. Too bad, really. "Over Cautious" will, perhaps, try his hand at it once more. "Reform your tailor's bills," indeed,—reform your manners.

Not withstanding all the abuse showered on me, I have the satisfaction of knowing that my letter has drawn forth a reply which must be highly gratifying to the adventurers in Old Wheal Neptune, and I, therefore, expect their thanks. "A Director" informs them "that if the number of shares silotted are not sufficient to bring the mine into a paying condition, one of the directors has agreed to take all the unaliotted shares at par." This is a most liberal offer, and if I were a shareholder I should not rest until I ascertained who the liberal director was. The next information given is that for the leases and promotion 1600, in cash and 2000 shares bave been given. Now, 2000 shares at par." This is a most liberal offer, and if I were a shareholder I should not rest until I ascertained who the liberal director from taking up the 900 unaliotted shares, the amount would be reduced to 6200, as the working capital of the mine; but whether it be 85001, or, supposing anything should unfortunately happen, such as change of

OLD WHEAL NEPTUNE.

OLD WHEAL NEPTUNE.

SIR.—Two letters have appeared in the Journal, one on the 6th and one on the 13th, signed by a "Director" of this mine. In that of Dec. 6 he accuses "A Cautious Man" of stating that which was failer; but in that of the 13th he, in a certain degree, exone-rated "A Cautious Man" from biame, and threw the charge over to the inspecting agent, as in his last letter he says "A Cautious Nan" was applied to, and a report of the mine was sent from an agent representing he had inspected the mine, and, from enquiries of our agents, it was found the inspection did not take place, but that the report was from "Imagination only." Now, Sir, I am the agent who received the order from "A Cautious Man" to inspect Old Wheal Neptune, for a gentlemen in the North of England, who was a holder of 400 shares, and on Oct. 29 I went, to the mine, and found that they were building an engine-house to receive a 70-in. engine, and had began to ent down a small shaft, for the purpose of putting down pumps, rods, &c., to draw the water from this extensive mine. These, at the time I was there, were nearly all the operations they were carrying on. From the conversation I had with the agent at the time, I found, also, that the shaft they were cutting down was only sunk to the 80 fm. level, and that it did not reach to the bottom of the mine by 23 fms. I am I told fill then and there that it would take them at least three years to cut this shaft down and fork the water to the 80 fm, level, at the end of which time they will not reach to the bottom of the mine by 23 fms. I was from these circumstances that I persuaded my employer to soil out at least part of his interest; 400 shares, with such heavy calls as will be required, would be a serious matter, as 20,000l, would, in my opinion, have to be called upere they reached the bottom of the mine. I can well understand the reach the bottom of the mine. I can well understand the reach on why divice. I have a subject it, but, as I see in the prospectus verious reports, holding out

MINING IN IRELAND.

SIR,—I have read with much pleasure, in last week's Journal, the remarks of your Irish Correspondent on this subject; he bears weighty testimony to the rich field Ireland offers for mining enterprise, but laments the very limited number of capitalists who have sufficient experience to properly appreciate the good they can do for themselves, and for their country, by the development of this source of wealth. If the good and kindly spirit manifested by your excellent Correspondent could be brought to bear upon these matters, we might soon expect a fusion of English and Irish interest; but, so far as I can understand these matters (who have been for years an English adventurer in Irish mines), I can see but little disposition on the part of the Irish to ald in the development of this class of their national wealth. What are the causes of this path you is subject fraught with the utmest importance to be property, individually and national? I saw grounded the firsh indirent deposits of the country are abundant and in contact the firsh in the capital the enterprise, the akill, the infusity, the preseverance, and the patience to undertake such works, if encouraged by Irish landwads, and assisted by Irish neither informs us that his countrymen will be glad to join in undertakings in Irishand, started and conducted by the far-seeing English or Scotch. I am sure I may reciprocate this generous feeling, by asying that English or Scotch. I am sure I may reciprocate this generous feeling, by asying that English or Scotch. I am sure I may reciprocate this generous feeling, by asying that English or Scotch. I am sure I may reciprocate this generous feeling, by asying that English or Scotch. I am sure I may reciprocate this generous feeling, by asying that English or Scotch. I am sure I may reciprocate this generous feeling, by asying that English or Scotch. I am sure I may reciprocate this generous feeling, by asying that English of Scotch. I am sure I may reciprocate this generous feeling, by asying that

LEGITIMATE MINING-ST. JUST UNITED.

LEGITIMATE MINING—ST. JUST UNITED.

Sir,—Nothing gives me greater pleasure than to read in the Journal of the success of mining undertakings. Every such success is a proof of the solidity, safety, and permanence of that great mining stock which constitutes the peculiar idiosyncrasy of this great nation. If any person were to speak of a nation of miners they would be understood to aliade only to this country, possibly to Mexico, or to old spain in the haleyon days of her 500 mines, and we bid fair to maintain that national distinction through a vista of incipient mining generations. I congratulate our old friend, Capt. Carthew, on the admirable position he has obtained in this mine, through his peculiar preseverance, activity, and course; and when we apply these terms to a septegenarian, we may well admire such qualities of band and brought the mine to grief—a pass to which, by bad management, it had been brought occasionally before. I also feel a little egotism in the matter, as two years ago, when I reported favourably of this range of iodes, and predicted they would form a great and good mine, I foresaw that if they were not skiftully handled they would end, as many others had done, in disaster to the mine and in discouragement to the mining community, who often suffer loss through faults not their own, or of the mines in which they are interested, but simply because their affairs are not administered judiciously. I, for our, look at this issue with particular pleasure, because it removes me from a position which some of any friends have been pisased to impute to me, of forming too sanguine views of the capabilities of mines; and if this mine had been managed by a mult instead of a clear-headed man, it would, no doubt, have afforded another instance to curroborate the judgment of those croaking gentlemen who are fond of scratinising the black side of the silver shield, and promocneticating the raven-cry of bad tuck to the mines. I should be glad if the able manager of this mine would look into the lodes adjoi

as fine as gossan as any miner would ever wish to sink under. In this he is quite in error; the back of the lode in Wheal Seton was never seen or worked upon by the Wheal Seton adventurers; the lode which gave them the profit was cut by driving from Ball's shaft, either at the 80 or 60 fm, hevel; the lode was first cut on the eastern side of the great cross-course; they then came back, and cut a lode on the western side of the cross-course, which atterwards they called the south lode; they afterwards cut a branch in continuing the cross-cut north, which they called Kneebons's branch; and in the same cross-cut north they out the north cannier. None of these lodes were worked upon from the surface. Is it at all likely that Capt. J. Vivian, with all his experience, would sell to Wheal Seton drouturers, for 300f. or so, a piece of ground in which there was, as he says, such a "fine gossan," and out of which Wheal Seton Mine has given nearly all the profit it has yet made; but, perhaps, this sale, which took place more than 20 years ago, was before Capt. J. Vivian knew a good gossan. The truth is, there never was any gossan in the back of Wheal Seton lode that any miner in Camborne ever heard of, and certainly no adventurer in Wheal Seton ever heard of a gossan being on the back of the lode.—Mining Exchange, Camborne.

C. CARKEEE.

EAST BRONFLOYD MINES.

EAST BRONFLOYD MINES.

Sig.—I have read in your valuable and highly-popular Journal of the 6th inst. a letter from a person calling himself "A Miner," but who, from the language used, I consider to be anything but that. In the first place, I have to say that the reports in the Journal from time to time have not in the least exceeded what is warranted by fact; and I can tell "A Miner" that if he were to visit the East Bronfloyd Mines he would very soon be convinced such was the case, and hesitate ere confirming his proposed liberal challenge. What makes me think also that the "Miner" is noly a fictitions one, is that he should say in his letter that 10 tons of ore in the rough, or in the stone, cannot be scraped together within the boundary of the mine. Does "A Miner" know the boundary of the mine, or the extent of the sett? If he did, I think he ought to have been mute, as he cannot know what may be in the stone, out of human sight. Insamnoth as "A Miner" has ceme out so liberal with his challenge, I hope he will get his money ready, as it will, without a doubt, have to be paid by him to the Lancashire Relief Fund.

In order to put a stop to such frivolous epistics os that of "A Miner," I, as a holder of 250 ahares in the mine, be to acquaint the world at large that I have reported the mine as it deserves; and to the best of my knowledge, skill, and belief have always done so, and will defy any person to refute what I have written respecting the mine; and, in furtherance of what I have reported, I say that we have discovered a lode of ore for about 50 fms. in length, and have driven levels upon that to the extent of about 15 fms., and which we are positive will yield from 20 to 23 cwts. of ore per fathorn. We have also sunk a shaft on the lode for shout 15 fms., to 20 fms. In depth, in this bottom of which we found the lode to be about 30 ft. wide, containing ribs of ore, varying in thickness from 3 to 6 in. for the whole distance. This at once shows that "A Miner" knows every little of mining, or he would not

THE GREAT DEVON AND BEDFORD MINING COMPANY.

THE GREAT DEVON AND BEDFORD MINING COMPANY.

Sir.,—This company is indebted to "Inquiry," and to your liberality in affording space for the insertion of his letter, and this raply to the various questions he desires to have answered prior to his applying for shares. "Inquiry" asks why the directors agree to purchase the freehold of the Colcharton estate, of 67 acres, for 50001. and what will it let for per annum? If he will refer to the prospectus he will find that it is there stated that the freehold (surface and minerals) has been purchased for 15,0001.—10,0001, in cash, and 50001, in shares of the company. With reference to the surface, which consists of cultivated land, homestead, &c., the owner has hitherto been the occupier, but it is estimated at the value of 1501, per annum for surface rental. "Inquiry" asks, "how can it he stated that five of the richest lodes of the Down Orest Consols and Bodford United Mines are well known to run into and through the entire length of the land, with a large cross-course and caunter lode intersecting them?" when Captain Phillips asys, "There are as yet no underground workings, so that I cannot report anything below the surface." "Inquiry" ought not, in all fairness, to have quoted the report so partially, for his extract refers to the relative yield of minerals in the lodes, and not to the lodes themselves, and, of course, no surveyor can report upon this point as a fact upon an undeveloped property; but Captain Phillips says, in the same report, there are three champion lodes vunning through the property—"the Bodford main lode, the Tavistock lode, and the Wheal Thomas or Devon Great Consols and the probability of their states also that "the geological position of the property is everything that can be desired, having on the north boundary the bavon Great Consols, on the south the Old Whoal Crebor, and on the west the Bedford United." Referring to the mineralogical indications on the property, he says, "The distract, see, from its very favourable position, being almost

the others no doubt there will be great deposits of ore found." Captain Tretheway also confirms this statement.

"Inquiry," appears to think the directors use too sanguine terms as to unquestion-able success; he will be surprised to learn, however, that although Captain Nicholas Enner (whose name he will not dispute as a high and competent authority) has given a very decided opinion upon the probability of the Devon Great Consols main lode passing through the north-sest portion of the Coleharton estate with a south underlie, yet itse directors have not alluded to it in the prospectus, or even marked its course on the map: and it may be added that the recent workings of the Devon Great Consols enginess Capt. Ennor's view (this rich lode is proved to be a capter lot. "Landis south-sest." He can, therefore, scarcing charge the directors—with being excessively samptine; their confidence is hard normal services by the director of the decision. "Inquiry" releas to the amount to be paid for the freshold of the estate, taking the minerals at 10,0001, and upon this matter he is a little ambiguous; however, he says that if "a sett, on which is the Wheal Thomas lode and the main lode of the Bedford United Mines" is realised, what is 10,0001, and the Bedford United to 24,0001, atomic of 194,0001, and he congratulates the directors upon their first-rate bargain, should their expectations be realised.
"Inquiry "refers to the astimate of 60001, stated to be sufficient for devalories the "Inquiry" refers to the astimate of 60001, stated to be sufficient for devalories the "Inquiry" refers to the astimate of 60001, stated to be sufficient for devalories the "Inquiry" refers to the astimate of 60001, stated to be sufficient for devalories the "Inquiry" refers to the astimate of 60001, stated to be sufficient for devalories the devalories the devalories the devalories the sufficient for devalories the devalories the sufficient for devalories the devalor the sufficient for devalories the sufficient for devalories the devalories th

large quantities of ore about 30 fathoms below the surface. The eastern part of the mine did not prove productive so shallow. Wheal Crebor became productive about the 30. Old Gunnis Lake produced some good ore above the 50, but at this level, and below, the mine proved flost profitable. Old Crowndale produced large quantities of ore very near the surface. Liscombe yielded large quantities of ore about the 30, and below; and Bedford United has yielded a good deal of ore about the 35, and we continue to break some good ore from this level: EXTINATE OF COST.

Costeaning the surface. £ 20 0 0 Sinking the engine-shaft 50 fathoms, including timber for casing, diving, and bearers, eisterns, &c., asy, 164, per fm., on an average. 800 0 0 Driving 600 fms. or levels, including the removal of suff, at 64, per fm. 3600 0 0 New 35-in. cylinder steam-engine 1000 0 0 Masonry for segion-house, botter-house, and stack, including the raising and carting of stone, mortar, &c., about 600 perch, at 5c. 6d. 165 0 0 Carpentry and aswing for the buildings 50 0 0 Timber for ditto 50 0 0 Timber for ditto 50 0 0 0 New 35-in. Capstan-rope, new 50 0 0 New capatan 55 0 0 Capstan-rope, new 50 0 0 Small whim chain 50 0 0 Building capneters and smiths' shops, small counting-house, and a house for materials 50 0 tachoms of 10-inch pitwork, including rods, rod plates, &c., comprise 225 0 0 Stathoms of 10-inch pitwork, including rods, rod plates, &c., comprise 225 0 0 Stathoms of 10-inch pitwork, including rods, rod plates, &c., comprise 225 0 0 Stathoms of 10-inch pitwork, including rods, rod plates, &c., comprise 225 0 0 Stathoms of 10-inch pitwork, including rods, rod plates, &c., comprise 225 0 0 Stathoms of 10-inch pitwork, including rods, rod plates, &c., comprise 225 0 0 Stathoms of 10-inch pitwork including rods, rod plates, &c., comprise 225 0 0 Stathoms of 10-inch pitwork including rods, rod plates, &c., comprise 225 0 0 Stathoms of 10-inch pitwork including rods, rod plates, &c., comprise 225 0 0 Stathoms of 10-inch pitwork including r

Building carpenters and smiths' shops, small counting-house, and a house for materials

50 fathouse of 10-inch pitwork, including rods, rod plates, &c., complete Shaft-bob

GREAT DARREN, AND VOLUNTARY WINDING-UP.

GREAT DARREN, AND VOLUNTARY WINDING-UP.

Sir,—Knowing your willingness to uphold the right and expose abuses, I am anxious to make a few remarks, and ask a question or two in reference to this matter. It seems the late company of this valuable mine, not having obtained sufficient support from the public, determined to wind-up their affairs by voluntary liquidation, and, had this process been allowed to proceed, the creditors might have received a dividend of at least 10s, in 11.; but, while in London last week, I was informed that certain persons imprudently undertook to upset the voluntary winding-up, and canvassed for signatures of miners and merchants to a putition to force the company to wind-up in the Bankruptey Court, in which they succeeded, and it is said the first bill of costs amounts to upwards of 150l. Now, Sir, I be to ask these "poor man's friends," or some other kind person, if the report is true that 6s. 3d. is allowed for witnessing the signature of each person attached to the said petition? If so, it would be some satisfaction to know by whose interference the creditors have probably been deprived of every shilling of the assets of the company, for I fear that these charges will be paid in full, while the poor labourer may not get a farthing. I was further imformed that one of the promoters of the company had taken 600l, worth of the stock of the company, had sold the same, and is now a debtor to the company to the amount. Can this be true? If so, who is he? as I think it desirable that labouring men should know their friends. The author of "Ancient Mining" has given us no instance of such practice by our forefathers, and I am bound to think this a bit of modern acting peculiar to a certain class of men.

Richard Williams.

A considerable creditor, and agent of North Hafod, Nanteos, and Great Darren Mines

TRUTH'S ECHOES, OR SAYINGS AND DOINGS IN MINING.

TRUTH'S ECHOES, OR SAYINGS AND DOINGS IN MINING. The Mining Share Market continues dull in most of the mines which are generally looked upon as the leading business of the day; and but for the transactions in connection with and preparation for the fortnightly account, which took place on Tuesday, the bona fide business of the week would have been more than ordinary inactive. But considerable excitement prevails in reference to recent transactions in East Canadox, arising from the non-delivery of the shares "beared" for the account. The settlement, which usually passes off satisfactorily, has been anything but satisfactory to the present time, and the unpleasant position in which matters now remain is far, very far, from pleasantness to those who have co-operated in the late depression of the shares. There is evidently a severe season of trial and anxiety now approaching, for the advance in price of the shares, the general improvement of the mine, and the continued searcity of the stock, are facts that cannot be overcome without serious and ruinous losses. The differences which are required to compensate for the non-fulfilment of a contract are but ordinary events in the commercial world, and with men who can discharge the liability it is merely treated as a loss; but the difficulty will be with those who cannot meet that responsibility, and the consequences must on necessity fail on those who can complete their engagements, notwithstanding the inability of others, it will probably take another week to learn the extent of the calamity which the evil and pernicious system "bearing" mining shares involves. There is no doubt but the most unjuat means have been used for some weeks past to depress the value of the property, and notwithstanding the ingenuity of the parties interested, and the varied representations made to attract attention and influence the minds of holders, it must be highly mortifying now to find themselves driven into a distressing quietude. But the most violent detractors and acute calculators m

and will meet all costs. From the position of the mine, with Providence on the west, and the same lodes traversing the sett, there is little doubt, when efficiently opened, it will become a permant and paying mine.— Hoants@ WATER: The operations which are going on, although of a limited character until the completion of the share list, are of the most satisfactory and encouraging character. The lode is represented to have farther improved, and will, no doubt, turn out highly productive.

PART-Y-BUARTH MINE (near Mold): The prospects of this property have been improving for some time past, and the recent discovery in the new lode has very considerably improved the general character of the mine. In extending the 4s cross-cuit have have intersected the new lode, which is found highly productive, carrying the work for lead, in solid masses of lead of 2 cwts, in a stone. They have also intersected the same lode, 50 fathoms from surface, with large solid stones of lead; and are now in course of driving another cross-cuit from Moley share. So fathoms from surface, and about mid-way between the two cross-cuts, at which point they expect to cut the lode in about a fortnight, when a valuable run of over ground will be laid open. Rich samples from this lode may be seen at the office of—Jakes Lang.

inay expect to cut the lode in about a fortnight, when a valuable run of oray ground will be laid open. Hitch samples from this lode may be seen at the office of JARES LANK.

From Mr. GEORGE BATTERS:—The Market for Mining Shares has been rather more animated during the week, but the business is of a speamodic character, and to a great xtent cut red in time business is of a speamodic character, and to a great xtent cut red in time business is of a speamodic character, and to a great xtent of the public, as well as the Jobbers, have been irred in time business in a great product of the same of the public as well as the Jobbers, have been irred in the business in a great product of the same of the public as well as the Jobbers, have been in East Caradon bas seen fancy may lead them. In fourteen days the aggregate rise in East Caradon bas seen fancy may lead them. In fourteen days the aggregate rise in East Caradon bas seen fancy may lead them. In fourteen days the aggregate rise in East Caradon bas seen fancy may be seen the seen in the same of the seen and the seen to the seen and the seen the seen and the seen to the seed of possibility. During the year Wheat Estors shares have risen nearly double; the rise has, however, been gradual, and with all the mine is only selling for about 60,000°L, though there is a course of ore discovered for 45 fan. In length, worth on an average 60°L per fan., standing for 16 fan. Bigh untouched, and with a course of ore in the shaft worth 130°L per fan. This plees of ground, when driven through for a few more fathoma, will have laid open 27,000°L worth lie-kear shares at 130°L red will be seen to 160°L red will be worth in itself all that the shares are selling for. Judging by the general movement worth in the seen and the seen From Mr. George Batters :- The Market for Mining Shares has

William Gritles, 32 to 38. In foreign mines, Santa Barbara have been largely dealt at \$10.00 to moderate extent. Loncorra have advanced. Burn Gwoo, Loso Lake, and Billiam, are all standy at quotations.

From Mr. Edward Cooke:—Business has been unusually active during the week, and large transactions have taken place in several mines that are in favour just now, to the exclusion of others that probably possess equal merits. At this period of the year (when it is understood that the public generally limit their operations, and, consequently, prices are unifavourably affected) an opportunity is afforded to intending purchasers to buy into mines on very favourable terms. A reaction will surely take place in the early part of the coming year. East Caladoon has again monopolited the principal attention, and between the operations of the contending parties the mine has ring in market wains to the anerosons ameased of 200,000. Now, no impartial and responsible man would wenture to say that this is not a fictitious price even for this splending and the second of the contending parties that the second of the contending parties that the second of the contending parties of the contending parties of the contending parties and on, for I believe it to be one year. I am not going to say one word spains I successful of the contending parties of the contending parti The second control of the second control of

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25t, pe promising ; No. 4 is do north from the winze r Sr. Joi lowing :-P Produce, 10

CLARE enough for a soliar at t this point.

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Lode: The 85, west of Worth 2 t. Worth 2 t. Worth 6 Cr. ttr. The chiefly comparation of the strength of the st worth 4 to did piece of of the rich sot the se-in fork by order. We

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et to "pursue the evan tenor of their way," unmolested by the "bears," which exhilin an instance of tact on their part to be applauded. There are few ordinary individuls who are not sensitive to the touch of hot tron. The following shares are strongly
geomemoded for purchase at present prices:—East Cash Braz, Wheal Usno, North
GESTE EXMOST (If to be obtained). What should be done in others of a prominent or
going character, such as East Caradox, will no doubt be amply designated by some
she have better means than the writer of judging of their real value, and of the soundputs of the very extensive operations at present carrying on in them.

FOREIGN MINES.

ALTEN AND QUÆNANGEN	MINESE	stimated produce	for Oct .:-
Mines.	Ore.	Per cent.	Copper.
Quænangen	Tons 40	714	3.000
Old Mine	140	434	
Raipas		5	0.450
United Mines			0.540
Michell's			0.300
Quanvig	3	4	0.120
Total	Tons 210		10.360

stanges, which yields 50% coss, of geograms silver: 20 centhers of sing nave been sided to stock.

Victor Emanuel.—Miggiandone, Dec. 11: The schooner Pet, with the sone of better quality one than ever sent from this mine, has left Genoa, for Swansea. The same vessel has taken about 11 tons of Baveno ores, which will prove their value. Mother sampling will be ready at Miggiandone by the end of this month. The lode in Mo. 1 stope, in Thompson's level, is still as productive as lest reported. The lode in the vinate being sunk under Erba's level has improved in value, and is now worth above 20, per fin. The lode in the end is promising, but not rich at present. The stopes in the back of Falconer's level are worth 101, per fin. All other points are without change.—Baveno: We have been much hindered since our last report by continued bad weather in the progress of our surface operations. In the mine we have still a good lode, worth 20, per fin. in the bottom level. The winze under this level continues to yield yellow ore of the richest kind; we found it necessary to cut through the lode in the bottom of this winze to prove its character, the lode gone down from the bottom level.

New Grand Diluctiv of Barden.—Deep. 15. In the 54 north we have

one of the richest kind; we found it necessary to out through the lode in the bottom of this winss to prove its character, the lode being very wide. The men will now commence is drive sentil to come under the rich lode gone down from the bottom level.

New Grand Ducht of Baden,—Dec. 15; In the 54 morth we have now 4 ft. of the lode in the present end, consisting of horn-spar, quartz, finor-spar, and sw, worth 21, per fm.; this part is exceedingly promising, and we are leaving more ide on each side of the level; the stopes in the back of this level are producing on the awarge 41, worth of ore per fm.; the stope in back of this level are producing on the awarge 41, worth of ore per fm.; the stope in back of this law; with the and is worth the same level, south of sharf, is worth 101, per fm. In the 44 north 14, feet of the lode carrying with the end is worth the per fm.; the country by the side is favourable and easy for progress; we intend to lisve the other part of the lode until the level is communicated with the winze. So, 41s sunk from the 34 or the lode until the level is communicated with the winze. So, 41s sunk from the 34 or the theory of the lode carrying 2 ft. of the lode with the end, now worth 31, per fm. In the 34 north we continue carrying 2 ft. of the lode with the end, now worth 31, per fm. In the 34 north we continue carrying 2 ft. of the lode with the end, now worth 31, per fm., and very pomising; we shall now begin cutting into the castern part of the lode left in the winze referred to in my leat report, which is turning out good work.

St. John del Rey.—The directors have received, by telegram, the following:—Produce for October, 42,383 oits.; cost for ditto, 98311.; profit for ditto, 61491. Troduce, 10 days of November, 12,333 loits., priced 5837 oits. per ton.

Claurndon Consols.—J. Martin, Nov. 21: Stamford Hill: We have commenced sinking below the 94, and have about 2 ft. more to sink to make it deep reaugh for the next level, which we expect to complete this week; we shall then place soi

size a sever."

In Maries,—Dec. 6: Pozo Ancho Mine: West of Engine-shaft: South Lias: The 95, west of Delgada's winze, is worth 2 tons per fathom. The ground in the So, west of Marin's winze, is hard for driving. The 51, west of Tobernota winze, is worth 2 tons per fathom. The ground in the worth of the 1 tons per fathom in the delay worth 2 tons per fathom; lode of a very promising productive appearance. The 41, worth 2 tons per fathom; lode of a very promising productive appearance. The 41, west of Victoria's shaft, is worth ½ ton per fathom; lode of a very promising productive appearance. The 41, west of Victoria's shaft, is worth ½ ton per fathom. Deast of Engine-shaft: The 95, east of Vidal's winze, is worth ½ ton per fathom. The 75, east of Sanche's cross-cut, is worth ½ ton per fathom; lode singe, and spotted throughout with lead.—North Lode: The lode in the 75, east of Vidal's winze, is worth 1½ ton per fathom; lode wide and strong, producing good lumps of lead. Ortega's winze is worth 10 in The 13's shaft; is hard. Shaw's shaft; is worth 1½ ton per fathom; lode wide and strong, producing good lumps of lead. Ortega's winze is worth 10 in per fathom; lode composed of calcarcous spar and lead. Patriclo's winze is worth 10 in low wind and strong, producing good lumps of lead. Ortega's winze is worth 10 in the 10 in the

of the property of the machinery throughout the mine is in good working offer. We estimate the raisings for December month at 450 tons.

FORTUNA.—Dec. 6: Canada Incosa—West of Taylor's Engine-shaft: The 10s, east of Clave! sump-winzs, is worth 4 tons per fathom. The same level west worth 6 tons per fathom; it is end is passing through a splendid shoot of ver, the line is part of the process of the productive during the part month. The 5s, west of Castandor's winzs, is worth 3 tons per fathom; this level has been very productive during hap and month. The 5s, west of Castandor's winzs, is worth 3 tons per fathom; this level has been very productive during hap and month. The 5s, west of Castandor's winzs, is worth 3 tons per fathom; the level has been very productive during hap and month. The 5s, west of Castandor's winzs is morth at one per fathom than opened a splendid piece of tribute ground.—East of Engine-shaft: The lode in the 4s, east of Landoy's shaft, has fallen off in value of late. The same level, east of Ball's winzs, worth 3 tons per fathom; lode very wide and strong. The lode in the 4s, east of Landoy's shaft, has fallen off in value of late. The same level, east of Ball's winzs, lost of the productive. The lode in the 4s worth 3 tons per fathom; lode very wide and strong. The lode in the 4s worth 3 tons per fathom; lode very wide and strong. The lode in the 4s worth 3 tons per fathom.—Los Saltio's Mine: The 7s, west of Morris's engine-shaft, is worth 3 ton per fathom.—Los Saltio's Mine: The 7s, west of Gardas winze, is worth 1 ton per fathom.—East of Engine-shaft: The 7s, east of the works into fail operation has been alterated to have been advanced to the works into fail operation has been alterated being and the works into fail operation has been alterated being and the works into fail operation has been alterated being and the works into fail operation has been alterated being and the works into fail operation has been altered with the whole of the works into fail operation has been altered being

55, west of San Pabio's shaft, is worth \(\frac{1}{2} \) to per fathom. The same level east is worth 1\(\frac{1}{2} \) to per fathom; the lode consists of two compact branches. The lode in the 45, east of San Miguel shaft, is small, and poor.—Shafts and Winnes: San Cario's shaft is worth 2 tons per fathom. Gregorio's winze is worth 1 ton per fathom; lode of an open and kindly appearance. Alcaide's winze is worth \(\frac{1}{2} \) ton per fathom; ground hard for sinking. The lode in Josquin's winze is small, and poor. Ortegs winze is worth \(\frac{1}{2} \) ton per fathom.—General Remarks: The tribute department of the mine is looking very well. We estimate the raisings for December month at 350 tons. The weather during the past fortnight has been most unfavourable for surface work, consequently there has been but little done towards building the new whim engine-house.

December many \(\frac{1}{2} \) Alcayd Thee. 16: Request The 80, sooth of

during the past fortnight has been most unfavourable for surface work, consequently there has been but little done towards building the new whim engine-house.

PONTGIRAUD.—W. H. Rickard, Dec. 16: Roure: The 80, south of Rickard's shaft, is in slidy ground, which has disordered the lode for the time. In the ame level, north of shaft, the lode is 2 ft. wide, saving work, but not rich. The 60 north a unproductive. The same level south yields 4½ ton of ore per fm. The 40, south of Agnes' shaft, yields 3½ ton of ore per fm. The 20 south yields 1 ton of ore per fm. The adit yields 1½ ton of ore per fm. The midt yields 1½ ton of ore per fm. The adit yields 1½ ton of ore per fm. The same level south yields 1 ton of ore per fm. The same in level of the water from the 85 about the old 8t. Joseph's shaft, which will enable us to set the bottom of that level on tribute. The 110 south opens tribute ground. The intermediate level, between the 60 and 85, is in easy ground for driving.—La Grange: The lode in the 20 metre level, north of Nosky's shaft, is being undercut to its full width, and continues to open out productive ground—its whole width is 18 ft. The same level south is being driven on the castern part of the lode, which is unproductive. The skil north yields stones of ore. The two stopes in the back of the adit yield 1½ ton of ore per fm. each yield 1½ ton of ore per fm. the deep adit from La Rancule has discovered the back of a great many lode which will be cut by this trial level.—Mioche: The 80, north of Taylor's shaft, on No. 3 lode, is unproductive. The same level north, on No. 2 lode, yields 1½ ton of ore per fm. for its whole width his 16 ft. The 60 per fm has been per for the back of the 63 metre level, north of Lontine's shaft, on No. 3 lode, is unproductive. The show which will be cut by this trial level.—Mioche: The 80, north of Ryot's shaft, on No. 3 lode, is unproductive. The show the hask of the 63 metre level, north of Lontine's shaft, on No. 2 lode, yields 1½ ton of ore per fm. The 60 per fm has head

not elsewhere we hope.

Central American.—Alotepeque, Nov. 1: The dry season has set in, and the supply of native miners is good; and as the pasture is yet abundant, there is no difficulty in procuring a large number of mules for the conveyance of ores. The supportendent says:—"It is satisfactory to observe that the total yield of ores has risen to upwards of 157 tons, being an increase of some 20 tons on last month's returns; and, from the general aspect of the ore ground, we fully calculate on at least maintaining the present rate of produce during this and the coming month." He slso says—"There are already 19 hars of silver cast: by the end of this month, therefore, I hope to make up 35 or 36 bars for the conducts to Guatemala. About one-half this number will be delivered at the Mint, and the remainder shipped for England, in addition to about 4 tons of furnace bottoms, the whole valued at 3500t,, which will permit of another instalment being paid off the first-class capital."

MINING NOTABILIA.

WHEAL GRYLLS is looking better in several places; and at the quarterly general meeting of shareholders on the 23d inst. a dividend of 11. per share will be declared. This is the cheapest tin mine in Cornwall, at the present absurd low price of 32½ to 35 per cent., and are likely to see a higher figure. The mine may be fairly stated to be the prize for 1862.

CORNUBLA.—There is now 1200l, worth of tin at surface, awaiting the completion of the stamping machinery for reduction, and which, the agent writes, will start on Christmas Day. The 60 cast, in middle lode, in flat-rod shaft, has somewhat; improved. Capt. Charles Thomas was at the mine this week, and expressed himsel altogether well pleased with it.

HARWOOD.—This mine, after years of patient perseverance, is opening out very rich. Four men have worked 26 tons of lead ore in two months from a drift in the limestone. The width of the vein is indproved; there is ore on both sides, also in the sole and roof; in the latter in many places the whole width of the drift. The ends east and west are both rich (see reports). Mr. Evan Hopkins examined this property in 1858, and the shareholders would do well to study his report. He expressed a high opinion of the value of this mineral grant.

Even TRESHERIES.—The lode in the 40 coset and west is improving and

EAST TRESKERBY.—The lode in the 40, east and west, is improving, and a course of ore is expected to be met with shortly.

WHEAL SIGHY.—This property is likely to be worked by a powerful company, in order to intersect the rich lode in East Jane. There is ample power to slak the mine 200 fathoms, and it is thought success is certain, with sound and practical management.

management.

At TOLCARNE, the new north lode cut at the 20 has been opened upon east and west about 35 fms., through a course of copper ore all the way, and the ends attil looking well. The same lode has been cut at the 35, and is already opened upon 12 fms., through a similar course of ore, and there is a erose-cut going out at the 40, within a month. It is anticipated this mine will soon be in a dividend-paying state, and will become the prize of 1863.

12 fms., through a similar course of ore, and there is a cross-cut going out at the 40, which is expected to cut the same lode within a month. It is anticipated this mine will soon be in a dividend-paying state, and will become the prize of 1863.

WORVAS DOWNS.—The new discovery in the 40, worth 40% per fm., is of considerable importance, and will enable them to give profits.

LOCHWINNOCH CONSOLS.—No difficulty exists now as to raising the capital to work these mines; the useful lesson has not been thrown away, and prejudice has received a fatal wound. The promise that these mines would sell 1000 tons of copper before certain Glasgow-managed Cornish copper mines sold an ounce will be verified; and, further, these mines will sell more one will the mines within a radius of two miles of two received a fate in years than all the mines within a radius of two miles of two received in the section of course, Brills steepfeld. The ores now cut in the Scotch mines are such as might have been anticipated by a judge of mining and mining ground; the immense deposit of copper at the surface would by an intelligent Cornish miner have been termed goasan, and the efforceance of something valuable below; the oxides of iron, the blue and yellow carbonates, found in such abundance at the surface, would to him have been no more than indices of the resulty. When Professors attempt to dictate, because they can talk book modest, and put a face on as long as a fiddle, take the opposite, which the public (especially the disappointed ones) are too prone to believe. The discovery at the Lockwinnoch Consols is, therefore, an excellent moral, as well as practical, lesson to doubting, cautious, cunning Socthmen. They have vast mineral treasures in Sociland; but they lack only self-confidence—prejudice against Sociland they have in abundance. That prejudice will be annihilated; in its place will refer to its gold, silver, and copper mining industry.—Gronge Harwoon: Lecchead House, Dec. 18.

NORTH PHENIX.—An important improvement has taken pla

be obtained.

HINGSTON DOWN CONSOLS has improved in the 100 west, having gone through the cross-course which has made the good courses of ore in the 100 and 85 west. The 110 is now a very important point, from which I expect great results, knowing there is a fine course of ore gone down below the 100 for a great length. Shareholders should bear it in mind that great results are expected to come off in the 100 fathom level, from the speecy nature of the lode and the rich ore now being broken away from

level, from the speedy nature of the lode and the rich ore now being broken away from this end.

LOCHWINNOCH CONSOLS.—The meeting at Glasgow, on the 10th inst., decided to continue the works at these mines, much to the regret of a party of Loud adventurers, who were prepared to have taken the mines up and worked them, with a capital of 10,0004, who would not take any part in joining a Scotch company or Glasgow management, but would have had a London directory. In all likelihood, whilst the compositor was setting in type the notice inserted in last week's Journal the miners cut the long and anxiously-looked-for discovery. On Thundary night they cut a lode of rich grey copper ore in the bottom of the new shaft, 15 fms., thus annihilating the folly of the cry that copper did not exist in depth. A few weeks will prove the value of the discovery, if analogy and precedent go for anything, and if science and practical experience are of any value, more especially when opposed to craft, ignorance, and pressumption. The discovery is of vital importance, and may probably tend to the prosesumption. The discovery is of vital importance, and may probably tend to the pressumption of valuable properties lying dormant from the united efforts of the ilis alladed to, practised by certain parties who have "other fish to fry," and may lead to the abandoment of other schemes, situated in impracticable situations, started only to fill the pockets of willy adventurers, and flatter the vanities of little-minded chairmen or consequential secretaries and committeemen. Mr. Warington Smyth, on his late visit to the Lochwinnech Consols and Week Kame Mines, expressed his surprise at the immense deposit of copper or a trendy taken out above addit. He declared his opinion that the ground was well deserving an energetic and thorough trial; he also stated the ground was used as he had seldom or never before inspected. The practical mining captain who was consulted, in his report strennously advented exploration in depth, and stated his convictio

Mining Gorrespondence.

BRITISH MINES.

ALFERD CONSOLA—J. Thomas, P. Landen, W. Tangard, Dec. 17: Davy's suggistions of an invest. In the 16th in. level, driving east of and shaft, the lobe in Tale was and poor of a research. In the 15th in. level, driving east of and shaft, the lobe in Tale was and poor of a research. In the 15th in. level, driving east of and shaft, the lobe in Tale was and the property of the property of the 15th in. level, the lower of the 15th in. level, and the 15th in. level, the lower of the 15th in. level, the lower of the 15th in. level, the 15th in. level of the 15th in. level, the 15th in. level of the 15t

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lected a great deal of materials for farther operations, and put up the office. I have set averal contracts, the building of the smiths' shop, foundation for engine-boase, &c., at most advantageous prices. I have bought a smiths' believe, sarvil, vice, crews, stacks, &c., for 12?. Ids.; a great bargain. We shall now commence in right good earnest to carry bit. The operations.

CUDDRA.—F. Packey, E. Dunstan, Dec. 18: In sinking Walker's shaft below the 75, we have intersected the same cress-course that we have driven through in the 75 east; the ground in the shaft is still favourable for sinking. In the 75, west of the shaft, we are driving in the killsa under the lode, to take advantage for cutting out the lode was of the winze, and for stoping the back of that level. At this point the lode is very large, and will produce a quantity of work for the stamps. We have not taken down the lode in any of the stopes during the past week. Our tribute pitches are looking better, and the men are likely to get good wages.

CWMBRANE.—Dec. 18: The lode in new shaft is 4 ft. wide, and will produce I too flead per fm. The 30, west of Thomas's lode, is 3 feet wide, producing good stones of lead; I sam looking fore ward to a good improvement in this end very shortly. The 20 morth is producing good ctones of lead. The 10 morth is a very kinally lode, and per fm. The stopes in bottom of this level, north of rise, will produce 7 ewts. of lead per fm. Finsy's stope, in back of the 10, will produce 34 ton of lead per fm.

CWMBRISIAN (Col.D.)—G. Williams, Dec. 15: East Mine—New Shaft : Since my last our progress in sinking (six miners and two labourers) has been 3 ft. 9 in.; the smalls by vanning on a spade) show specks of gold.—Waterfall Lode: The adit (four miners) has been driven 4 ft. 6 in.; no change worth notice.—Sheda, Machines, & Machines

the smalls by vanning on a spade) show specks of gold.—Waterfall Lode: The adit (four miners) has been driven 4f. 6 in.; no change worth notice.—Sheds, Machines, &c.: The frame and foundation is laid ready to receive Mr. Mitchell's machine. To-day we intend to move the pan to its working place.

DEVON AND CORNWALL UNITED.—T. Neill, Dec. 16: The lode in the deep adit at present is poor. The lode in the rise and stopes are respectively worth 5 tons of ore per fin.—William and Mary: The lode in the engine-shaft is worth full 8 tons of ore per fin.—William and Mary: The lode in the engine-shaft is worth full 8 tons of ore per fin.—William and Mary: The lode in the engine-shaft is worth full 8 tons of ore per fin.—The lode is the 12, west of water-wheel shaft, is more promising than for some time past. We have no change to notice in any other part of the mine. DEVON NEW COPPER.—P. Hawke, Dec. 17: The winze to the east of shaft, now in course of sinking below the 88. has a pretty appearance, the productive part of the lode yielding mundle, mixed with yellow copper ore. The cross-cut to the west of shaft, in the 100, towards the leader, produces spar and mundle, mixed with yellow copper ore. I do not expect to reach snything of more importance in the cross-cut to the vest of shaft, in the 100, until we near the leader part of the lode, on the footwall. One half of the wheel-plt is complete for the reception of the wheel-plt frame, should like weather hold favourable for a day or two the remaining half of the wheel-plt will like wheel hold favourable for a day or two the remaining half of the wheel-plt will like wheel hold favourable for a day or two the remaining half of the wheel-plt will like wheel hold favourable for a day or two the remaining half of the wheel-plt wheel had to the past week gone through two copper ore. The cross-cut has become harder. We are through one of the branches, which is producing good work for tin. The 26 fm. level cross-cut is in beautiful ground, and we have in the past week gone throug

our present valuation and rate of driving the different levels on course of the lode are adding to our reserve at least 2000. worth per moth, and keeping up present amplings. EAST CAIN BHEA.—T. Glanville, J. Scholar, Dec. 17: In the 40, driving west, the middle lode is producing 25 tons of copper ore per fm. In the 40 or the other parts which the 30, the middle lode is producing 3 tons of copper ore per fm. In the 50 west the new lods is producing 1 ton of ore per in. Nothing new to report on in the other parts are lost in producing 1 ton of ore per in. Nothing new to report on in the other parts are all the services of the servic

drive this level to the western cross-course. The ground in the 34 fm. level cross-cut south is stiff, but we shall soon get into a beautiful channel of ground, from what we have seen in the south. The ground in the adit cross-cut, south of new shaft, is moderately easy. The lode in the sdit end, east of new shaft, is I foot wide—unproductive. FURZE HILL WOOD.—T. Gregory, Dec. 18: The 30 cross-cut south is extended 5 fms. towards the south iode; the ground has been very wet and troublesome for driving. We have now a good change in the ground, so that better progress will be made. The 20 fm. level cross-cut north, in the elvan, is driving at 40s. per fathom. We calculate we have 7 fathoms more to reach the lode below the extensive old workings. In the 20 fm. level west, on No. 2 north lode, is worth 61 per fathom, and the lode is much better towards the bottom of the and. The lode in the 20 cast produces some saving wo k fit the stamps. We shall sell on the 23d instant, computed, from 3½ to 4 tons of tin ore.

prospects of the deepest levels warrant a spirited development of the mine, which we link to 20 cast produces some saving wo k 67 the stamps. We shall sell on the 23c sast produces some saving wo k 67 the stamps. We shall sell on the 23c sast produces some saving wo k 67 the stamps. We shall sell on the 23c sast produces some saving wo k 67 the stamps. We shall sell on the 23c sast produces some saving wo k 67 the stamps. We shall sell on the 23c instant, computed, from 3/5 to 4 tons of tin ore.

GARLIDNA.—J. Rowe, Dec. 16: The 70 is driving east of fast-rod shaft by eight men, at 20l, per fm.: we have not arrived at the junction yet. The ground is harder than we anticipated. The 60 is driving east of fast-rod shaft by six men, at 11 per fm.; the lode is worth 10l, per fm. No. 2 stope, 8 fms. behind the 60 fm. level end, by four men, at 50. per fm. The sump-wimes sink-induced in worth 81, per fast tom. The 30 fm. The sump-wimes sink-induced in worth 81, per fast tom. The 40, to drive west of Riche's shaft, by two men, at 50. per fm.; the lode is worth 81, per fast tom. The 30 fm. The

lodes. We found the bottom of the old workings 10 fms, below the surface; on clearing the ground we found a very good bunch of tin 1 ft. wide, in a beautiful channel of ground. This lode looks very kindly for producing good work for tin, and is likely to work at moderate tribute.

GAWTON.—G. Rowe, Dec. 13: The part of the lode being carried in the 36 west is 4 ft. wide, composed of a small branch or leader of good quality ore, and the remainder portion of flookan, spar, capel, and mundle, intermixed with ore—a very kindly lode. The stopes both east and west at this level are still good, and yielding their usual quantity of ore, which is of better quality, going west towards the present end. We have now cut through and taken down the orey part of the lode, nearly 25 fathoms in length, which is a continuous course of ore, and still a good lode in both ends of said stopes. It consider this a very important discovery, which must lead to profitable results, and the sooner a good ventitation is effected by means of a new shaft in this direction the better. Our present operations and monthly setting for December consists of driving the 36 west, by two men, stent 4 fms., at 41, per fm. No. 2 stopes in back of the same level, by six near, stent 4 fms., at 44, per fm. No. 2 stopes in the same level, by four m n; set at 41, 10s, per fathom. All the wheeling and failing in the mine for two months, at 71, 10s, per month.

by two men, stent 2 fms., set at 27 los. per fm. The stopes in back of the same level, by alv men, sent 4 fms. at 4. per fms. and fills in the ame level, by alv men, sent 4 fms. at 4. los. per fathorm. All the yielding and fills in the mine for two months, at 77. los. per month.

GOGINAN.—Dec. 16: The lode in the 100, east of Gilbertson's shaft, is 3 ft, wide, composed of spar, blende, and clay-alate, with a little ore at times, but not to value; the ground at this point is harder than of late, and from the present indications we may expect to have an improvement here shortly; this end is being pushed on by six men with all possible speed; the lode in the winze shiking below this level, 10 fms. east of Gilbertson's, is 4 ft. wide, consisting of a little ore; the main part of the lode is not yet aken down, but will be cut down shortly; the lode in the pitch over the same level is 2 ft. wide, yielding 2 cwts. of lead ore per fm.; the lode in pitch over the same level is 2 ft. wide, yielding 2 cwts. of lead ore per fm. The lode at the pitch over the 60, or deep adit level, 10 fms. east of Gilbertson's shaft, is 4 ft. wide, yielding 12 cwts. of lead ore per fm. The lode at the pitch over the 60, or deep adit level, 10 fms. east of Gilbertson's shaft, is 4 ft. wide, yielding 12 cwts. of lead ore per fm. The lode at the 50, east of Winze, is 3 feet wide, yielding 7 cwts. of sead ore per fm. The lode at the 60, east of Bryn Picus shaft, is 5 cmt will be 10 cmt. The pitch over the 25 fm. level, 10 fms. west of Tay or's thaft, is producing 2 cwts. of ore per fm. The lode at the 60, east of Bryn Picus shaft, 15 ft. wide, yielding roots stones of lead ore at times, and we may expect an improvement of the complete shaft in the past week has been rather slow. There appears to be rather a hard door of ground to pass through at this level. The lode in the 61, diving east of the same, with the diving west of the same, with the diving of the wind of the same, with the diving and of Trelease's shaft, as ft. wide, worth 15t, per

ing a name better.

GREAT NORTH TOLGUS.—C. Henwood, Dec. 18: The plece of lode standing for 2 or 3 ft. high, all the length of the shaft, we could not take down until this morning. The lode is improving soing down, and looking kindly for further improvement. The shaft is now squared 12 feet long and 5 feet wide, and measures 5 fms. 5 ft. below allt, The lode is links, we have out down in three weeks, giving room above addit for the head making? If ms. we have out down in three weeks, giving room above addit for the head carried down by lines to its proper size, the lode to be desued and taken down once a week; price 1104., and 1 hope it will be completed to that level by the end of February or beginning of March. They are nine good men, and will do their best. The water is quicker. I think we shall be able to sink to the 15 without the engine, by which time, all being well, our flat-roda will be in course, and all ready to go to work.

GREAT RETALLACK—Wm. H. Reynolds, Dec. 19: In bottom of the shaft at the 40 we are cutting north into the lode, which is of the same character as last reported. The biende pitches are looking much the same as for some days past. A full report for the meeting by next look.

GREAT SHECLUS, f. wide, containing quarts, flowen, crystallised from, mandle, and cocasionally some rich quality copper ore—a wery promising point. The lode in the 29, east of Hobber's shaft, is 5 feet wide, composed of quarts, flowen, cotide of the poly, east of Hobber's shaft, is 5 feet wide, composed of quarts, flowen, cotide of the poly, east of Hobber's shaft, is 5 feet wide, composed of quarts, flowen, cotide of the poly, east of the shaft is 10 kept with the producing and shaft and the producing and shaft shaft, shaft when the producing and shaft shaft, shaft which we have a shaft shaft with the producing and shaft shaft, is for the vide, composed of quarts, flowen, cotide of the poly, east of this shaft, is 1 foot wide, worth 5, per fm. The lode in Hol 130, driving east of majore-shaft, is 6 feet wide, w or footwall of the lode. The stopes in the 40, east of the engine-shaft, are producing 4 tons of copper ore per fathom, worth about 31, per ton, or 121, per fathom, now working at 44. per fathom. The stopes in the 10 im. level, west from Thomas's shaft, are yielding 5 tons of ore per fathom, worth 44. per ton, or 201, per fathom, now stoping at 31, 10s, per fathom. The tribute department remains without alteration, as for some time past, having a large quantity of ore ground yet to be taken away when a rise in the standard takes place. In conclusion, we beg to remark that the mine is well provided with machinery for pumping, hauling, and crushing the ores, and the improved prespects of the deepest levels warrant a spirited development of the mine, which we have no healtation in saying will, ere long, well remunerate the shareholders for their perseverance and outley.

GWYDYR PARK CONSOLS.—Capt. Smyth, Dec. 18: In Gwydyr Park deep adit too lode taken down for the week. In Gwayn Lilfon deep adit the cast and west lods is without alteratior, but we have not got forth to the north and south lode yet. HARWOOD.—J. Rase, Dec. 12: The end of the drift east is worth 2 tons of ore per fathom; we are going to suspend driving this end until the creas-cat is under, and then irlves at the bottom of the limestone. The west end is worth 1½ ton per fim. I expect to cut the vein in the creas-cat every day, we can plainly here the men working above. We weighed of 26 tons 13 cwts, of tead ore yesterday.

Decamber 18: The ore is all delivered to-day. In squaring up the forehead of the sast end to-day they have made an improvement since my report of last night; it is at each of the day they have made an improvement since my report of last night; it is at present a beautiful looking mine, worth 3 tons of ore per fathom, and looks like a further improvement.

present a beautiful locking mine, worth 2 from of owe per fathom, and shaped. It has been impressed, Dec. 16. If any be increasery to explain that the saids a fast in the control of the mine during the time to the said of the total card of the mine during the time to the said of the control of the mine during the time to the said of the control of the mine during the time to the said of the control of the mine during of the said of the control of the said of the control of the said of the control of the said of the s

NORTH TRESKERBY.—R. Pryor, R. M. Kitto, J. Tregoning, Dec. 18: The lode in the engine-shaft is 3½ feet wide, producing occasional stones of cre, with a kindly appearance; this shaft is now down about 6 fms. below the 77, and the ground favourable for sinking. The lode in the 77, east of shaft, is 4 feet wide, and worth 15, per fm.; the character and appearance of the lode in the end at present is similar to that when the course of ore was first met with in the 47. Tresidder's shaft is sunk on the south part of the lode, about 25 feet below the 77, which is producing some good ore and tin; we shall take down the remaining part of the lode standing north when we asked take down the remaining part of the lode standing north when we are down about 2 fms.; this part we have mentioned in our former reports. The lode in the 77, a lode in the 18 level, west of shaft, is 4 feet wide, and worth 25, per fm., and if for the last 2 fms. driving we have had a good lode of ore for about 2 feet above the bottom of the level, which induces us to think we are driving over a good banch of ore. The lode in the 67, east of shaft, is 3 feet wide, worth 101, per fm., and improving. The lode in the stope in back of this level is worth 301, per fm. The ground in the crossic cut north of this level continues favourable for driving, and in the 47 cross-cut the ground is minoralised all over, as if near a lode or branch. All other places are just the ground is minoralised all over, as if near a lode or branch. All other places are just the ground is minoralised all over, as if near a lode or branch. All other places are just the ground is minoralised all over, as if near a lode or branch. All other places are just the ground is minoralised all over, as if near a lode or branch. All other places are just the ground is minoralised all over, as if near a lode or branch. All other places are just the first of the level with the first of the sett shortly.—Extract of a letter from to literact something good in this part of the sett shortly.—Ext

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stones of copper one. In No. 1 winzs, in bottom of the 110, east of American shaft, and about 3 faithous before the 120 end, the lode is worth lof, per faithous for copper one. WHEAL NORIES.—J. Andrews.—batt to eight below the 28, by nine mem, at 261, per faithous. The 35 cross-cut to drive south of said shaft, by six men, at 94, per far. The 16 cross-cut to drive south of ditto, by two men, at 94, per far. The 16 cross-cut to drive south of ditto, by two men, at 94, per far. The 16 cross-cut to drive south of ditto, by two men, at 94, per shaft to sink below the 28, by nine men, at 261, per far. We have set to the men in the 50, east of asid shaft, on No. 4 does, to det through the lode as of coing this is the lode the south side of the long, and the stone of the south side of the long, and the long of the south side of the long of the long

dressing operations are in regular progress, and we mope to have a good parcet of an also in about a fortinght.

YARNER.—R. Barkell, Dec. 17: The engine-shaft is in regular course of sinking below the 40. The 40 west is letting out more water; the lode is large, but not of much value. The 40, east of winze, has fallen off in value, but the lode is looking promising for improving again. The two stopes in the bottom of the 30 never looked better, producing 3 tons per fm. each. The 30 east, on north lode, is still producing a little ore.

In the Journal of Dec. 6 we referred to the sale of the celebrated Risca Colliery having been entrusted by the Master of the Rolls to Messrs. Fuller and Horsey, and on Tuesday the sale took place. The property but a few years since sold for 130,000%, but, owing to a trespass having thrown the affairs into Chancery, the sale of the colliery, together with the lease-hold, freehold, and copyhold land above, had been ordered by the Court. The authority was submitted for sale in March last the Court of Chancery had, in their actions placed a reserve, in the face of which no bid whatever was made. The authors are that the cause of the Chancery proceedings might be attributed almost entirely to was a sometiment, the ground trespassed upon not being included in the grant. It would also be remembered that a very severe explosion took place in the colliery, which he had no doubt was likewise the result of carelessness. Through this latter casualty the colliers had demanded extra pay for getting the coal, which extra money was at present being paid, though probably when the workings were made thoroughly safe normal prices could be returned to. The property was now offered without any reserve whatever, and would be knocked down to the highest bidder. Tenders had been sent in to the Steam Navigation Company, which had taken the coal for some years past, and the result would be known on Wednesday; but whether favourable or unfavourable was comparatively immaterial, inasmuch as the coal was one that perfectly suited any hot climate, and one which was, consequently, sure to enjoy an excellent demand at all times. As shown in our notice of the property already referred to, the colliery and surface lands should have realised 100.000%. and Mr. Greenwall the wellwas, consequently, stre to enjoy an excellent demand at all times. As shown in our notice of the property already referred to, the colliery and surface lands should have realised 100,000*l*., and Mr. Greenwell, the well-known mining engineer, calculated, allowing really extravagant interest upon the investment, that it should have fetched 88,000*l*., yet such is the uncertainty of forced sales that the first bid was but 25,000*l*., from which there was but a slow advance to 38,000*l*., at which the entire lot was knocked down to Mr. Murrill. That the purchaser has made an excellent bargain certainly cannot be doubted, yet, but for the judgment and ability of the auctioneer, there can be little doubt that a far smaller sum would have been obtained.

GOLD IN WALES.

East CLOGAU.—The St. David's lode is reported to have considerably improved. In the St. James's lode visible gold has been traced. The new lode (called St. John's), the development of which has been but recently commenced, presents favoreshib indications.

or no locations.

Sr. David's.—A considerable improvement is said to have taken place the lode, which is now yielding good quality aliver-lead, and shout 8 tons per fathom id is found with the lead, and this is considered an important discovery. It has been cartained that the water-power upon the mine is ample for all purposes.

NORTH RHINE COPPER MINING COMPANY OF SOUTH AUSTRALIA.

The following report will be presented to the propri

The following report will be presented to the proprietors at the fourth annual general meeting:—

The directors beg to submit to the shareholders, at this the fourth annual general meeting of the company, a statement of accounts from Aug. 20, 1861, to Aug. 20, 1862; the colonial statement of accounts from the commencement of the company to March 31, 1862; and a general balance-sheet. It will be observed that the total amount of expenditure during the financial year was 5865. 17s. 6d., which is nearly 10001, less than the preceding year; and it will also be seen, from the accounts annexed, that on Aug. 20 lasts balance of 41031. 18s. 10d. remained in hand, in addition to an amount of 1904. 7s. 6d. due on calls, the greater portion of which has since been received and placed to the credit of the company. The colonial balance-sheet annexed has been duly audited by Mr. P. G. Harris, anditor to the Corporation of Adelaide, and certified as being correct. Mr. James Trenow has audited the statement of receipts and expenditure, and certified as to their correctness. With respect to the progress of operations, Capt. Barkis reports that, down to the date of our last advices from the colony, the prospects continued encouraging. Your directors still retain their good opinion of the mine, the more so as Capt. Barkis has saired that he "has not the shadow of a doubt but the main lode will yield slarge quantity of copper ore." In his September report he repeats—"The lode is likely to make a large quantity of cree between the 43 and 60." The directors being desirous of giving the shareholders the same materials as they themselves possess for forming a udgment on the position and prospects of your mineral property, have printed in a separate form all the principal evidence which bears upon the subject, and they invite your careful consideration to the accompany ing statement. The company's two sections of land in the Wallarco district, at Yorke's Peninsula, have, by the advice of the colonial committee, been shandoned, in conse

WEATHER PREDICTIONS.

c. Shapherd enters into a lengthened detail, in reply to the remarks of our North-riand Correspondent in last week's Journal—stating many instances of his success-elong, and showing the utility of his promostications,—but as we are not de-tailed to prolonging a controversy on the subject, and averse to creating a sore feeling by secomments, we have erased altogether his prefatory remarks.] ful predic

With reference to the weather for the coming week, strong winds will occur about the 21st, 22d, 24th, 25th, and 28th. With the exception of a few light frosts, the weather will be generally mild, but rather unsettled. 26, Throgmorton-street, Dec. 18.

G. Shepherd, C.E., G. SHEPHERD, C.E., Author of "The Climate of Engla

With the Journal of this week is published a Supplemental Sheet, in which appears a Plan of the Walker Colliery, in explanation of the Remarks of Mr. Matthias Dunn respecting the late Explosion—the Inquest on the sufferers by the Edmund's Main Colliery Explosion—Progress of Mining on the Pacific Coast—the Mineral Resources of the Territories of the United States—Foreign Mining and Metallurgy—North of England Institute of Engineers—Meeting of Companies: West Caradon, Trevenen and Tremenheere, Great Wheal Vor, Wheal Union, Great South Tolgus, and Amman Coal Company—Mining Photographs, &c.

pany—Mining Photographs, &c.

With last week's Journal we gave a Supplemental Sheet, containing Papers on the Processes of Mining on the Pacific Coast—the Geology—Mining Photographs—Meetings of Companies: the Australian, St. Just United, Holmbush, West Par, Caradon Consols, and the Lower Taldrus.—The Copper and Alkali Trades—Gold in New Zealand—Oxygen Gas—Noxious Vapours from Alkali Works—Lining Puddling Furnaces—Safety Fuse—New Lubricating Grease from Coa Tar—Leclandic Fuel—A Steel Merchant Ship, &c., &c.

With the Laurended Dag & was given a Supplemental Supper, which

With the Journal of Dec. 6 was given a Suptlemental Sheet, which contains a Plan of the Devon Great Consols District; On Peat Fuel; Meetings of the Alten, Prosper United, and Tincroft Mining Companies; Foreign Mining Reports; Plans and Particulars of the North Pool Mining District, &c.

The Mining Market; Prices of Metals, Gres, &c.

METAL MARKET-LONDON, Dec. 19, 1862.

Best selectedp. ton 101 0 0-	BRASS. Per. 1b.
	Sheets 101/d
	Wire 934d10d.
Tile , 98 0 0	Tubes 11%d12%d.
Burra Burra ,, 98 0 0-99 0 0	POREIGN STEEL, Per Ton.
Copiapo	Swedish, in kegs (rolled) 15 0 0-15 10 0
Copper wirep. lb. 0 1 11/4 -	" (hammered), 16 0 0
ditto tubes " 0 1 1	Ditto, in faggots 16 10 0-18 0 0
Sheathing & bolts p.ton 105 0 0	English, Spring 18 0 0-23 0 0
Bottoms 110 0 0	Bessemer's, Engineers Tool 44 0 0
Old (Exchange), 91 0 0	" Spindie 30 0 0
IRON. Per Ton.	QUICKSILVER 7 0 0 p. bottle
Bars, Welsh, in London. 6 10 0	SPELTER. Per Ton.
Ditto, to arrive 6 10 0- 6 15 0	
Nail rods 7 0 0	
" Stafford, in London 7 7 6- 7 10 0	
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Hoops ditto 8 5 0-8 10 0	In sheets 23 5 0-23 10 0
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Pig, No. 1, in Wales 3 0 0-4 0 0	English, blocks115 0 0
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Ditto, railway, in Wales 5 12 6- 5 15 0	Straits
Ditto, Swed. in London. 11 10 0-12 10 0	
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Pig, No. 1, in Clyde 2 15 6- 2 18 0	IC Charcoal, 1st qua. p. bx. 1 8 0-1 8 6
Ditto, f.o. b. in Tees 2 8 0-2 10 0	IX Ditto 1st quality ,, 1 14 0- 1 14 6
Ditto, forge, f.o.b. in Tees 2 5 0	IC Ditto 2d quality ,, 1 4 6- 1 6 0
Staffordshire Forge Pig	IX Ditto 2d quality ,, 1 10 0- 1 12 6
Weish Forge Pig	IC Coke , 1 2 6-1 3 6
	IX Ditto , 1 8 6- 1 9 0
LEAD,	Canada platesp. ton 12 10 0-13 0 0
English Pig 21 5 0-22 0 0	In London; 20s. less at the works.
Ditto sheet 21 15 0	Yellow Metal Sheathing .p. 1b. 91/4d.
Ditto red lead 22 0 0	Sheets
Ditto white 28 10 0-30 0 0	
Ditto patent shot 23 0 0	Indian Charcoal Pigs 6 12 6- 6 15 0
Spanish 20 5 0-20 10 0	in London
* At the works, 1s, 1	o 1s. 6d. per box less.

REMARKS .- So near as we are now approaching to the close of the year it is hardly to be expected that much business will be doing, but the last veek or so has been, we think, duller than is usual, even at this time of the year. Only very few orders are being given out for shipment; these ew invariably for very small quantities, and home consumers are loth to

ew invariably for very small quantities, and home consumers are loth to increase their stocks, having for the most part sufficient on hand to carry them over this month. The India, China, and Australian mails not coming to hand helps to make the inactivity more general, as doubtless they contained the usual quantum of metal orders, which would have enlivened our market for some days at least. The Bombay mail, which arrived yesterday, has brought but a limited quantity of orders.

English manufactured remains without change; there are sellers to be found at 103-1 but even at this low figure buyers are not to be tempted into operating beyona. ——addiate requirements. The consequence is that many makers are getting very Shou-a-work. The approaching Christmas holidays will, if this state of things continues, has great a relief to the employers as the employed, for, in an immense trade like this, a partial cessation of work will always impart a greater appearance of firmness to the market. The orders of even the dullest week in the year, if allowed to accumulate, would, when given out, cause some considerable animation. Cake, tile, and ingot quiet, and easily obtainable under fixed rates. All descriptions of foreign very slow of sale; Burra Burra, 98l. to 98l. 10s.; Kapunda, 99l. to 100l.; Chili and Spanish, 88l.

Yellow Metal. —Market slightly firmer in tone, braziery sheets not to be purchased under 84d.; sheathing, 84d.

IRON.—Railway bars not much enquired for; price remains quiet, at 5l. 17s. 6d. in Wales; merchant bars in very limited demand, at 5l. 17s. 6d. at the works, and 6l. 7s. 6d. to 6l. 10s. delivered f.o.b. in London. Stafordshire makes are in brisk demand, especially sheets; sellers adhere firmly to quotations. In Swedish bars there is less doing: sellers adhere firmly to quotations.

56. 12s. 6d. in Wales; merchant bars in very limited demand, at 51. 17s. 6d. at the works, and 64. 7s. 6d. to 61. 10s. delivered f.o.b. in London. Staffordshire makes are in brisk demand, especially sheets; sellers adhere firmly to quotations. In Swedish bars there is less doing; sellers of ordinary specifications at 111. 5s. to 111. 10s.; Scotch pigs declined, early in the week, to 58s. 3d., cash. A large business done at 54s. 6d., three months, caused the market to stiffen to 54s. 3d. cash, market closing 54s., m.n. Spelter.—During the past week there has been rather more doing in this metal, and sellers have advanced their quotations to 181. to 181. 2s. 6d. Sales of WH in Hull are reported at 181. 10s.

Zinc in active demand, at 231. 5s.

Lead.—English pig is more enquired for, and an advance of 5s, per ton on ordinary quality is fairly sustained. The stocks held here are now rather low; 211. 5s. for common, and 221. for WB brand. Sheets and shot very quiet. In pipe and bars a little more is doing. Spanish pig, 201. 10s.

Tin.—For English descriptions there is but slight demand; buyers can get supplied freely at 20s. per ton below fixed price. Foreign is more enquired for. Fine Straits has realised 1171. cash; Banca, 119.

Tin-Plates continue in fair request, at 22s. 6d. for 1C coke.

TIN-PLATES continue in fair request, at 22s. 6d. for IC coke STEEL.—Swedish remains quiet, at quotations.

Boston, DEC. 1.—We notice cargo sales of Pictou coal at \$7 50 c., and sydney at \$6 50 c. per ton. Anthracite has been in steady retail demand, at \$9 per ton. Pig-Iron is firm, and in steady demand for small lots. Sales of Scotch No. 1 at \$35 to \$136; and American No. 1 at \$35 to \$47 per ton, cash and six months. In har fron the lates have been in small lots, at full prices. Russia sheet iron is held at 16%c. to 17 c.

per 10. cash.

New York, Dec. 3.—The coal market for domestic is well supplied, and prices are without change, although the upward tendency is checked. The mild weather thus far has restricted the consumption greatly, and we are now adding to our stock daily. We quote from yard at \$6.50 c. to \$7.75 c. per ton. In foreign, very little has been done. We hear only of 100 tons of Scotch splinth at \$6.50 c., cash. The iron nas been done. We hear only of 100 tons of Scotch splinth at \$6.50 c., cash. The iron market is rather quiet, but very firm for all kinds, with an upward tendency. Sales of 500 tons light American (Phonix) rails, at \$71.75 c., cash; 500 tons ditto bars, at \$82.50 c., and 40 tons ditto bars on billets, at \$120, both four months, deliverable at Philadelphis; sales also of 1500 tons Allentown No. 3 forgs, at \$30, deliverable next season, and 50 tons ditto No. 4 wire rods, at \$100, both cash.

BALTIMORE, DEC. 4.—The prices of fuel are higher now than at any period for many years past, and the indications now are that there will be a further advance as soon as the cold weather begins. All kinds of semi-bituminous and antiracite coals, for family use, sell at \$3 per ton, while the nut sizes sell at \$5 00 c. per ton. Cumber; and coal is in demand, but there is no supply; the lump coal, for family use, sells for \$10 per ton, and run of mine at \$5 per ton.

COAL MARKET.—On Monday the arrival of 115 fresh ships caused a dull market. Household coals maintained the price of Friday last, but Hartley's submitted to a further reduction of 6d. per ton. Manufacturers' also a shade lower. Best house coal, 18s. to 18s. 6d.; seconds, 15s. 9d. to 16s. 6d.; Hartley's, 14s. to 15s.; manufacturers' 13s. to 15s. per ton.—On Wednesday there were 37 arrivals. The tone of the market was heavy for all descriptions of coal, at Monday's prices.—On Friday there were 42 arrivals. The business in house coal continued dull, at last day's quotations. Hartley's a shade lower; manufacturers' without alteration. Hetton Wallsend, 18s. 6d.; Lambton Wallsend, 18s.; Braddyll's Hetton Wallsend, 17s.; Eden Main, 16s. 3d.; Gosforth Wallsend, 15s. 9d.; Harton Wallsend, 15s. 9d.; Hasting's Hartley, 14s. 9d.; West Hartley, 15s.

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14s. 9d.; Lambert's West Hartley, 14s. 6d. per ton.: 15 cargoes unsold—165 ships at sea.

The settlement of the fortnightly account, which commenced in the MINING SHARE MARKET on Monday, has occupied the attention of dealers during the whole week, and has daily, more or less, interfered with general during the whole week, and has daily, more or less, interfered with general business. To the present time, we believe, a large number of shares sold for the account in East Caradon have not been delivered, and cannot be obtained, and the result is a great rise in price, and a number of disasters to those "bears" who sell what they do not possess, in order to injure the property of the bona fide shareholder, and bring discredit on legitimate mining. On Monday East Caradon shares opened at 40 to 41; Tuesday, advanced to 424, 422; Wednesday, advanced to 44, and declined to 42½, and leave off 44 to 44½. The latest official report values the 70 east, on the caunter lode, at 45% per fm.; the 70 west, 50% per fm.; the 60 east, 15% to 20% per fm.; the 50 west, 50% per fm.; the new lode, in the 60, 25% per fm. In addition to this, Capt. Seccombe requests us also to state that he considers, from the present valuation and rate of driving the different levels on the course of the lode, he is adding to the reserves at least 2000% worth per month, besides keeping up the present samplings. With reference to the mine being in a shallow district, one of the reasons given for depreciating the property, we are glad to see that the agents of South Caradon—a mine which has already paid nearly 200,000% in dividends—have come forward with the result of their practical experience; and from their letter we learn that their workings are now in the heart of the Caradon Hill, and one of the north lodes looking better than for many years past. This lode in the 40 was worth 5 tons per fm.; in the 90,6 tons per fathom; in the 100, 8 tons per fathom. East Caradon is at present only about 90 fms. deep from surface; and a cross-cut is being driven in the 50, in a beautiful channel of ground, to cut the north lode referred to by the South Caradon agents. Cargoll shares seem rather more quiet, at 40 to 45; Carn Camborne, 15s. to 16s. West Seton, 292½ to 297½; at the meeting, on Tuesday, a dividend of 5%. Per share was declared, leaving 9100, 9, i business. To the present time, we believe, a large number of shares sold made and to come into the next account are 6315l. 4s. The mine has improved; the ends, in the aggregate, are worth 23 tons of copper ore per fathom, and 36l. for tin; the stopes are worth 54 tons per fathom; the winzes are worth 4 tons per fan, at the previous meeting, in October, the ends were only worth 11½ tons per fm. South Seton shares seem in good request at 25 to 30, but shares very difficult to obtain. Marke V ey, 8½ to 9½; Clifford Amalgamated, 20 to 22. Cook's Kitchen shares have advanced to 31, 32. Drake Walls, 17s. 6d. to 20s. East Gunnis Lake and South Bedford, 1½ to 1½, and shares enquired for. East Wheal Grenville shares flat at 46s. to 48s. Wheal Grenville shares also flat at 4½ to 4½, without any change at the mine. East Rosewarne, 1½ to 2½. North Crofty shares, after being very flat at 4½, sellers, rose on Thursday, and leave off 5 to 5½; the 170 west is reported as having improved to 20l. per fathom; and in the 130, cast of slide, a lode has been intersected, supposed to be part of Reeve's lode, producing rich tin, but not yet opened on suf-Crofty shares, after being very flat at 4½, sellers, rose on Thursday, and leave off 5 to 5½; the 170 west is reported as having improved to 200, per fathom; and in the 130, east of slide, a lode has been intersected, supposed to be part of Reeve's lode, producing rich tin, but not yet opened on sufficiently to value. North Roskear, 38 to 38½; the 184 fm. level is nearly completed to Pearce's shaft, in a good course of copper ore, worth 500, per fathom; the sinking of the shaft below the 184 will be resumed on a good lode in about a month. East Russell, 3 to 3½; Grambler and St. Aubyn, 15 to 17. Great Wheal Fortune, 29½ to 30½, and in demand. New Seton, 185 to 145; Providence Mines, 42 to 44; Rosewall Hill and Ransom United, 3 to 3½; Sortridge Consols, 9s. to 10s.; South Basset, 8 to 8½; South Frances, 90 to 95; South Tolgus, 40 to 42; Stray Park, 41 to 43; Tincroft, 13 to 13½; Trelyon Consols, 10 to 12; West Trevelyan, 8s. to 10s.; Wheal Basset, 80 to 85. Wheal Union, 5½ to 6; at the meeting the accounts showed a balance against the mine of 381l. 1s. 6d., and a call of 4s. per share was made. East Carn Brea, 11½ to 11½; the 60 west, on the middle lode, is producing 2½ tons per fathom; the winze is producing 3½ tons per fathom; the winze is producing 35 tons per fm. Great South Tolgus, 7 to 7½; at the meeting the balance in favour of the mine was 1051l. 19s.; the lode in Lyle's shaft, below the 140, is worth 100l. per fm.; the 140 west is worth 20l. per fm., and the mine generally improving. North Basset, 2½ to 2½; at the meeting the accounts showed a balance against the mine of 171l. 3s. 2d., and a call of 3s. per share was made. Wheal Grylls, 31 to 33. Wheal Harriett shares have been in demand all the week at 32s. 6d. to 35s., and leave off 37s. to 39s. Wheal Kitty (Lelant), 7½ to 8; Wheal Ludcott, 9½ to 9½; Wheal Margaret, 40 to 42; Wheal Mary Ann, 14 to 15; Wheal Seton, 180 to 185; Wheal Unity, 11s. to 13s. Worvas Downs, 5 to 6; a rich discovery of tin has been reported in the 40, on the caunter lode, worth

mext quarter.

The East Cambrian Gold Mining Company have already received a large number of applications for shares, and it is stated that an early day will be named for the allotment. Mr. John H. Clement, one of the best authorities upon gold we have, reports that he adheres to the opinion formed of the sett in 1846, that with sufficient capital and judicious management very profitable results can be obtained, and that it will yield the palm to none in the county in produce of gold, silver, and lead; his recent visits have added confirmations in every way satisfactory. Capt. Thomas Fanll, late manager of the Almaden Mines, observes that there has been so much said about the chances of success in favour of gold mining in Wales, that it only remains for him to endorse the opinions and views of such able writers, believing the property to be as valuable as those in operation. Captain Parry, of the Vigna and Clogau Mines, and Mr. Beardman also report upon the property; but, perhaps, the most important evidence is the assay ticket of Mr. R. W. Byers, which shows that the Hafod-y-Morfa lead ore, as dressed in the ordinary way for market yields 69; per cent. of lead, and 8 ozs. 3 dwts. 8 grs. of gold, and 11 oz. 3 dwts. 16 grs. of silver to the ton of ore, which results were published in 1855, before the property was thought of as a gold mine. There are important facts, coupled with the circumstances that a thorough investigation has been made by the directors, and the terms of purchase are highly favourable.

The Vistula Colliery Company, with a capital of 60,0004., in shares of L. each, has just been constituted under the Companies Act, 1862, for of. each, has just been constituted under the Companies Act, 1862, for working a very valuable coal property on the left bank of the Przems, which is a navigable branch of the Vistula, 2440 English acres in extent, and calculated to contain 573,000,000 tonsof coal, the aggregate thickness of the coal being 41 yards, less 2 in., and all the soams being near the surface. An elaborate report upon the concessions held by the company has been prepared by Mr. A. M. Hurst. From this report it appears that the preperty is in the centre of well-known and actually worked collieries, whilst the fact of English coal being sold at Dantzic and higher up the has been prepared by Mr. A. M. Hurst. From this report it appears the preperty is in the centre of well-known and actually worked collieries, whilst the fact of English coal being sold at Dantzic and higher up the Vistula of itself indicates the great necessity of coal being supplied from a nearer point. A tramway 900 yards long would place the collieries in direct contact with the vast system of railways now intersecting the Austrian and other German states. The property is two miles long and two miles broad, and is covered with trees 35 to 40 ft. high, which can be had at 1s. 24d. each, so that there will be no lack of timber. The cost of the coal is 4s. 2d. at the pit's mouth, where it is sold at from 7s. 1d. to 7s. 2d. per ton, and fetched away by the buyers at their own cost. The price of best coal at Vienna is 3l. per ton, and the Vistula Company's coal could be delivered free in that city at 1l. 19s. 6d., so that even if sold at 2l. 10s. per ton a profit of 66,000l. per annum would result upon a sale of 400 tons per day. These circumstances, together with the facilities for transport, the absence of inflammable gas, and other advantages, Mr. Hurst considers would secure a very large interest on capital embarked. Mr. Hurst's

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7. 10s. 0 tons sport, epinion is fully confirmed by Mr. Franz Rath, the Government Mine Surveyor, who has also reported upon the property. A profit of 25 per cent. per annum is expected to commence at once, and as soon as the mine is in full working order this will be considerably increased.

in full working order this will be considerably increased.

On the Stock Exchange transactions in Mining Shares have been to a large extent during the week. The following prices were officially recorded in British Mining Shares:—Cambrian, 1\frac{1}{2}, 1\frac{1}{2}, 1\frac{1}{2}; Devon Great Cossols, 505, 500; East Caradon, 40, 41, 42, 43, 44, 44\frac{1}{2}; Great South Tolgus, 7\frac{1}{2}, 7\frac{1}{2}, 7\frac{1}{2}; T\frac{1}{2}; T\frac{1}{2}; 1\frac{1}{2}\frac{1}{2}; Wheal Ludcott, 9\frac{1}{2}, 9\frac{1}{2}, 10, 9\frac{1}{2}; East Basset, 51\frac{1}{2}, 5\frac{1}{2}; Providence, 41, 41\frac{1}{2}; East Carn Brea, 11, 11\frac{1}{2}, 11\frac{1}{2}; Marke Valley, 9; Grenville, 5, 4\frac{1}{2}; Margara, 40\frac{1}{2}, 41\frac{1}{2}; South Wheal Frances, 91; West Basset, 13\frac{1}{2}; Wheal Seton, 180; North Downs, 9\frac{1}{2}\$. In Colonial Mining Shares the prices were:—Scottish Australian, 1\frac{1}{2}, 1\frac{1}{2}; Kapunda, 1\frac{1}{2}; Dun Mountain, \frac{1}{2}, \frac{1}{2}; Vancouver Coal, 4\frac{1}{2}; Port Phillip, 1\frac{1}{2}; Worthing, \frac{1}{2}; Yudanamutana, 3\frac{1}{2}\$. In Foreign Mining Shares the prices were:—East del Rey. 1\frac{1}{2}, 1\frac{1}{2}; Monte Aureos, 2; St. John del Rey, 5\frac{1}{2}, 5\frac{1}{2}; Fortuna, 4, 4\frac{1}{2}; Santa Barbara, 1\frac{1}{2}; United Mexican, 4\frac{1}{2}, 4\frac{1}{2}.

United Mexican, 4\frac{1}{2}, 4\frac{1}{2}, 4\frac{1}{2}.

The closing quotations for shares in new undertakings were:—London and Northern Bank, par to \(\frac{1}{2}\) prem.; English and Irish Bank, \(\frac{1}{2}\) dis. to par; Bank of Scinde, Punjaub, and Delhi, par to \(\frac{1}{2}\) prem.; British and South Wales Zinc Smelting, \(\frac{3}{4}\), \(\frac{1}{2}\) prem.; Société Financière of Egypt, \(\frac{1}{2}\), \(\frac{1}{2}\) prem.; London, Birmingham, and South Staffordshire Bank, \(\frac{1}{4}\), \(\frac{3}{2}\) prem.; Sit Cathbert's, \(\frac{1}{4}\), \(\frac{1}{2}\) prem.; Nova Scotia, \(\frac{1}{4}\), \(\frac{3}{2}\) prem.; Dolfrwynog, \(\frac{1}{4}\) dis. to \(\frac{1}{2}\) pm.; East Cambrian, \(\frac{1}{4}\), \(\frac{3}{2}\) pm.; Devon and Great Bedford, \(\frac{1}{4}\), \(\frac{3}{2}\) pm.

IRISH MINE SHARE MARKET.—Transactions on our Exchange have been much more numerous in mines than in any other securities, either of railways or banks, in which the only important change from last week's prices is a fall of 10s. on shares of the Union Bank, which leave off at at 91.15s. (12k, paid). On the other hand, there is an improvement in the quotations of mine shares in every instance where they have been dealt is. Wicklow Copper shares (5k. paid) have changed hands at an advance demanded by holders to 38k. 10s., and leave off firm. A considerable amount of business has been done in Mining Company of Ireland Shares (7k. paid), with prices ranging from 19k. 10s. to 19k. 15s., at which they are now in demand, being an improvement of 2s. 6d. per share from last week. This company will hold their next half-yearly general meeting shareholders on the first of next month. Carysfort shares, of both descriptions, have improved 6d. per share. Connorree shares (20s. paid) were done at 23s., and General Mining Company for Ireland shares (4k. paid) rose from 5k. 2s. 6d. to 5k. 7s. 6d., at which price, however, more might be had. Carberry (Gurtavallig) and Castleward shares are not in demand. From Dhurode, Burren and Carron Mines we have most favour-shle accounts.

At the Truro Ticketing, on Thursday, 5078 tons of ore were sold, realising 24,4481. 7s. 6d. The particulars of sale were:—Average standard 1261. 16s.; average produce, 6; average price per ton, 41. 16s.; quantity ity fine copper, 302 tons 17 cwts. The following are the particulars:—

tity fine copper, 302 tons 17 cwts. The following are the particulars:

Date. Tons. Standard. Produce. Price per ton. Ore copper. Sov.; 20. 6246 ... £125 10 0 ... 634 ... 4 9 0 ... £77 12 0 ... 73 ... 3602 ... 118 2 0 ... 634 ... 5 4 6 ... 77 8 6 Dec. 4 ... 3645 ... 121 19 0 ... 644 ... 417 6 ... 79 16 0 ... 11. ... 2273 ... 118 7 0 ... 736 ... 5 19 6 ... 81 0 0 ... 118 ... 5078 ... 126 16 0 ... 6 ... 41 6 0 ... 80 15 0 ..

at the Swansea Ticketing, on Tuesday, 1103 tons of ore were sold, realising 13,857l. 9s. The particulars of the sale were — Average standard, 101l. 14s.; average produce, 14½; average price per ton, 12l. 11s.; quantity of fine copper, 169 tons 19 cwts. The following are the particulars of the sales during the past month:—

Date. Tons. Standard. Produce. Price per ton. Ore cop. Nov. 18 ... 1405 ... \$250 11 0

Date. 2 ... 1405 ... \$200 9 0 ... 15 ... £12 16 6 ... £85 11 0

Date. 2 ... 1648 ... \$711 0 ... 18½ ... 15 19 6 ... 85 12 6

n 16 ... 1103 ... 101 4 0 ... 14½ ... 12 11 0 ... 81 11 6

Compared with the last two sales, the decline has been in the standard, 4l., and in the price per ton of ore about 11s. 6d. Of the 1103 tons of ore sold on Tuesday, 643 tons were British ores, which gave an average produce of 12½, and sold at an average standard of 104l. 6s. ... 10l. 14s. per ton of ore; the remaining 460 tons were foreign ores, which gave an average produce of 17½, and sold at an average standard of 19l. 2s. 6d. ... 15l. 3s. 6d. per ton of ore. On Jan. 6 there will be offered for sale about 2186 tons, from Cobre, Cuba, Berchaven, Laxey, Knockmahon, Melbourne, Sweden, Holyford, and elsewhere.

act permanent work.

At Great Retallack Mine meeting, yesterday, the accounts, including a complete cost, showed a balance of liabilities over assets of 6591. 9s. 3d. A call of 2s.

November cost, showed a balance of liabilities over assets of 6591. 9s. 3d. A call of 2s. per share was made.

At East Jane special general meeting, held at the offices, on Wednesday last, at which a very large number of the shares were represented, resolutions were passed removing the present manager, and appointing a resident agent. The appointment of a superintending agent was postponed for a mount, to give time for enquiry, and to obtain the best person available to fill the office. The report of the mine was satisfactory. At the Wheal Uny meeting, on Tucsday (Mr. Hinds in the chair), the accounts for the three months ending with costs for October showed a credit balance of 184, 1s. 4d. The agent's report stated that from the north part they had within the last three months raised 79 tons of copper ors, which realised 5791. 15s.; and, judging from present appearances, they hoped to be able to do the same in the ensuing quarter. In the past eleven weeks they had raised about 50 tons of black tin, and hoped to raise about 60 tons in the next quarter. Owing to the breakage of the bob at the stamps engine, and the fixing of a new plunger-lift for drawing water for dressing purposes, the coat for this account had been increased by 2501. On the tin lode the prospects were the same as they had been for some time past; but the improvement which had taken place in the 58 west (No. 3 shaft), and the character of the lode in other points, led them to believe that it would become more productive in depth.

The directors of the Provincial Bank of Ireland have declared a half-yearly dividend at the rate of 4 per cent., and also an extraordinary dividend of 30s. on each 1001, share, and 12s. on each 101. share.

LEEDS, Dec. 17.—In Mining Shares a moderate amount of business has been done, and quotations have been well maintained. Cornubla and Hebden Moor shares are in request at advanced rates, with an upward tendency. The directors of the Cornubla Mine have ordered twelve additional stamps to be erected. It is expected that the returns of tin will soon be very much increased by the energetic and vigorous working of the mine, which, with the additional stamps and machinery, will enable them to dress and prepare the tin in greater quantities for market.—John GLEDHILL AND CO.

LEEDS, DEC. 18.—During the past week there has been a very consi-lerable demand for shares in the Wheal Pradence Mining Company, as well has for Cornubia shares: with these exceptions the market has been quiet.—Edward Brook, Hining Broker, 5, Bank-street.

Mining Broker, 5, Bank-street.

Winding-Up Mining Company. The works of the vinding-up the Huckworth, Mr. Herbert Smith appeared in support of a petition for winding-up the Huckworth, Mr. Herbert Smith appeared in support of a petition for winding-up the Huckworth, and a question arose whether the Court of Stannaries had jurisdiction in the matter under a recent statute. The company had not been registered, and that statute provided that for the purpose of a winding-up, an unregistered company should be considered to have been registered in that part of the United Kingdom where its place of business was. The place of business of this company was in the City of London, and, therefore, it would seem that the High Court of Chancery, and not the Stannaries Court, had jurisdiction. It had, however, been engaged in working a mine in Devonshire, and as the jurisdiction of the Stannaries Court thad been extended to that county, it was questionable whether that Court ought not to undertake the winding-up. Vice-Chancellor Wood said the petition must stand over, in order that the Vice-Warden of the Stannaries Court then the vice warden of the Stannaries Court might certify under the Act, whether in his opinion the company could be wound-up more advantageously by this Court than by the Stanuaries Court. For that purpose the petition had better stand over until next term.

THE ASPHALTUM COMPANY (Limited).—Mr. J. Hutton, of Moorgate-street, has been appointed by Messra. Globs and Tucker, solicitors, of Lothbury, to investigate the accounts of this company, preparatory to filing a bill in Chancery against the directors and others connected with the company.

BANK OF DEPOSIT.—Mr. Jas. Hutton, of Moorgate-street, accountant, has been employed by Mr. C. H. Edmands, solicitor, of New Inn. on behalf of the creditors' representatives, to investigate the books and accounts of this company.

FIRE AT BOTALLACK MINE.—The steam stamps engine at this mine.

BANK OF DEPOSIT.—AR. Jas. Hatton, of Noorgate-street, accountant, has been employed by Mr. C. H. Edmands, solicitor, of New Inn. on behalf of the creditors' representatives, to investigate the books and accounts of this company.

FIRE AT BOTALLACK MINE.—The steam stamps engine at this mine was burnt on Sunday morning last; of course, all the timber work was consumed. The was burnt on Sunday morning last; of course, all the timber work was consumed to engine-shaft itself is but little damaged, and the c-st of which will not exceed 250?. With the usual energy of Mr. James and his staff, it is hoped that the stamps will be again at work on Christmas Day.

BOILER EXPLOSION.—On Tuesday last a terrible explosion occurred at Carn Brea Mine, by the boiler attached to the stamps-engine bursting with great violence. One man, named Samuel Eodda, a resident of Camborne and carpenter of the mine stamps, was killed, and several others were severely injured. We forbers asying anything of the cause of the accident until the injuest has been held. Another account states:—Carn Brea Mine is the property of a company, and is one of the most extensive, as well as productive, in and copper mines in the county. It has no less than fourteen large engines connected with it, rearing their lumense shafts and flywheels over an extended district. One of these engines is known as the stamps engine; it is of great power, being 32 inches in the cylinder. It is worked by means of four horizontal boilers, placed side by side. It was the most easterly of these which exploded about half-peat eight of clock on Tuesday morning, with a noise so went that it was heard all over the neighbourhood. At the moment of the explosion these were only two persons in the boiler-house—Samuel Rodda, aged 35, the "stamps carpenter," whose duty it was to repair the machinery of the stamps when out of order, and Michael Callen, an Irish, and any any and a state of the control o

	LEA	D OF	RES.			
	Sold on th	e 27th N	ovemi	er.		
Mines.		. Pi			Purchasers.	
Carmarthen United					Sime, Willyams, &	Co
	Sold on th				Acres 100 h	
Frongoch			13 9	0	Sims, Willyams, &	Co.
East Darren						
Cwm Erfin	25		16 €	6	R. Michell & Son.	
ditto	39	*****	16 3	0	Sims, Willyams, &	Co.

BLACK TIN.

ч					200	SET CIES	e cne	OFER	Decembe	er.			
r	Mines, T	ons	e.	q.	lbs	. 1	Price	per	ton.	Amo	ont.	Purchases	m.
	Polhigey Moor	3	7	2	20		£61	7	6	€ 207	13	9-Calenick Co.	
	ditto	0	4	3	7		28	10	0	6	17	1- ditto	
					Bo	ld on	the	13th	Decemb	er.		-	
1	Gt. Wh. Vor Utd.	40	3	3	2			_	****	£2736	18	6	
	Kitty (St. Agnes),	7	2	2	18			-	****	453	18	3-R. Michell &	& Co
,	ditto	6	12	0	0				****	419	18	6-Bolitho & S	
١	Wheal Union	2	4	3	15		60	10	0	135	15	5-Bissoe.	
ì	ditto											1- ditto	
		-	-	_					Decemb				
	Gurlyn	6	7	3	23		62	10	0	399	17	0-Mellanear.	
							-		-				
1	CORNUBIA TIN M	IN	NG	Co	MPA	NT	-The	foll	owing is	a sta	tem	ent of the sales	of t
	by this company si	nce	las	t re	DOF	ted :-	-						
ı	August					£87	14 (10	ctober .			£149	0
	September					51	4 (1 8	ovember			121	1
:	-Joun E. UPTO	N. 8	ec.	-		-	-						-
•					_								

COPPER ORES.

COPPER ORES.

			roduce		Price	0.	Mines. Tons. Produce, Pric	e.
Knockmahon.	. 68 .		10%	£ 9	9	0	French Slag 53 634 £4 14	. (
ditto						0	Seville 41 10 1 8 8 1	
ditto					8	0	ditto 5 28 20 2	
ditto	. 58 .		1114	1	14	0		-
ditto							Canobolas 47 14 12 3	
ditto						0	New Cornwall 40 2614 23 11	-
Genoa	. 99 .		856	7	0	6	African 25 2814 24 5	
ditto	. 23 .		7%	1		6		
ditto	. 12 .		614	1	1	6		
ditto					15	0	Connorree Rid. 18 3 2 2	1
Berehaven					11	6	ditto Precip. 8 6716 56 12	
Wheal Maria							Glo'ster Slag 4 4814 38 0	1
Ookip	46 .		3334	25	18		West Kame 6 5% 4 10	
Laxey							London 4 4714 41 0	
					TA		RODUCE.	
Knockmahon		375		£3637	7	0	Canobolas 47 £ 571 1	
Genoa					1	0		
Berehaven				1149	0	0	African 32 751 1	-
Wheal Maria				1666	17	0	British Regulus 26 825 10	
Ookip				1375	8	0	Connorree 26 490 12	
Laxey				430	10	0	Glo'ster Siag 4 152 0	
French Slag				249			West Kame 6 27 0	
Seville					19	6		

COMPANIES BY WHOM THE ORES WERE PURCHASED.

Fireman and Co		*************		v
P. Grenfell and Sons	4	164	0	0
Sims, Willyams, and Co	160	1397	7	6
Vivian and Sons	379	3789	7	0
Williams, Foster, and Co	437	5529	18	0
Bankart and Sons	31	633	17	6
Jennings and Co	7	144	4	0
Neath Copper Company	12	60	18	0
		-		-
Total	1103	£13,857	9	0

Copper ores for sale at Swansea, Jan. 6.—Cobre 1200—Cuba 382—Berchaven 260—Laxey 139—Knockmahon 100—Melbourne 70—Copper Siag 17—Swedish Ore 14—Holyford 4.—Total, about 2186 tons.

		AVERAGI					
		roduce.	Price.		Star		
British		12%	£10 14	0	£104	6	0
Foreign		17%	15 3	6	99	2	6
	Sale Totals—British,	141/6 343; Foreign,	£12 11 60=1103	0 tons (21 cv	£101	14	0
	AVE	RAGES OF L	AST SAL	E.			
	P	roduce.	Price.		Stan	dar	đ.
British		9 15-16	£ 8 10	6	£108	0	0
Foreign		19%	16 8	0	97	4	6
	Sale	185%				11	0

ou of ore; the remaining 460 tons were foreign ores, which gave an average	His body was found, two or three minutes afterwards, lying, face downwards, in several inches of water. Rodda was a very steady man. He leaves a widow and two children,	
roduce of 174, and sold at an average standard of 991. 2s. 6d. = 151. 3s. 6d.	who reside at Camborne. The other man (Cailen) was more fortunate. He was stand-	COPPER ORES.
er ton of ore. On Jan. 6 there will be offered for sale about 2186 tons, from	ing nearer the door of the engine-house, and appears to have been blown outwards, re- ceiving over him, however, a deluge of boiling water, which has frightfully scalded his	Sampled Dec. 3, and sold at the Royal Hotel, Truro, Dec. 18.
obre, Cuba, Berehaven, Laxey, Knockmahon, Melbourne, Sweden, Holy-	face, arms, and legs. He was removed to an adjacent outhouse, and thence to his house	Mines. Tons. Price. Mines. Tons. Price.
ord, and elsewhere.	in Camborne. There were other casualties of a less serious nature. A boy standing thirty yards from the boiler was struck by a dislodged brick in the ankle, and much	Devon Great Consols132 £4 16 0 Marke Valley 82 £3 19 ditto 71 3 19
At West Wheal Seton meeting, on Tuesday, the accounts for Sept. and	hurt, though no bones were broken. Two or three girls at work still further off were	ditto
ctober showed.—Balance last audit, 6721, 18s. 6d.; copper ore sold, 64461. 2s. 3d. = 1191. 0s. 9d.—Mine cost, merchants' bilis, and sundries, 42081, 11s. 9d.: leaving credit	also hit by falling stones; one of them, who was struck on the head, being much hurt.	ditto
lines 90107 Gs The profit on the two months' working was 99977 10s 64 A 41	FATAL BOILER EXPLOSION AT OLDHAM.—On Tuesday morning a serious	ditto
dend, being the fifty-first, of 20001. (51. per share) was declared, and 9101. 9s. carried	boller explosion took place at Messrs. Evans, Barker, and Co.'s Hartford Coiliery, Lyon Dam, Oldham. A man, named Joel Thorniey, who was employed by the engineer to do	ditto
send, sign the fifty-first, of 2004. (St. par share) was declared, and 910. Sc. carried tadd to first account. The value of the copper cres sold Nov. and Dec., also to come the credit of next account, is 6315. 4s. Capts. Charles Thomas, Mainchi Bath, and	" little jobs" for him, such as clearing away the ashes from about the boiler furnace.	ditto109 3 14 6 ditto
ME Jennings reported that the levels are opening up richer are ground than for	was blown down by the force of the shock, and covered by the debris of the shed. The	Altto 100 9 5 0 Atto 10 9 4
weral months past.	end of the boiler was driven completely out, and the furnace door torn off, as well as	ditto 97 4 15 6 Wheal Crelake 78 2 17
At the South Exmouth Mine meeting, on Thursday (Mr. W. T. Guilsh	the brick work destroyed. Thornley was extricated as soon as possible, but he had sustained such serious injuries from the steam, boiling water, and decorate he died soon	ditto 94 4 19 6 ditto 67 6 7
the chair), the accounts for the quarter ending December 4 showed a nett profit of 561. 9s. 8d., or 2562. 9s. 8d. more than was estimated three months since. The ore	after being removed home. The cause of the explosion has not been ascertained.	ditto 50 10 11 0 41410 39 5 19
1857. Sa. 361, or 2507. 9a, 8d, more than was estimated three months since. The ore 186 during the quarter realised 33987. 17a. 2d. A dividend of 12507. (5a, per share) was skired, jeaving a balance of 2007. to be carried to the credit of the next account. The	THE AUSTRALIAN MINES We understand that telegrams are to hand,	ditto 85 2 5 0 Bedford United112 3 15 ditto 76 2 13 6 ditto100 4 12
	which state that the reports by the forthcoming mail will represent the	ditto
estimated quantity stated in last report, the produce for the quarter being 260 tons;	general mining prospects as exceedingly favourable. The ship Mainreau	ditto
e stimated quantity stated in last report, the produce for the quanter-being 200 tons; d they might confidently add their position and prospects were quite as good, and are better, then they were at the last meeting, having more ore ground laid open now	which took out a valuable cargo of mining machinery for the Great	citto
an at that time. The total number of hands at present employed is 122. This mire	Northern, the Yudanamutana, and Cornwall Mines, had arrived safely at	ditto 48 4 19 6 ditto 23 1 7 ditto 45 2 15 6 North Robert 70 1 10
secommenced about 18 months since by Mr. Wescomb (of Exeter) and two or three	Port Adelaide.	Phonix Mines
her gentlemen; during that period all the machinery, offices, and buildings have been	70 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	ditto 80 3 17 0 Wheal Yarner 76 2 15
twis. 1 qr, of ore have been sold, realising the sum of 61297. 4s. 11d., and there is now	PROGRESS OF MINING.—The introductory part will be published next	
set cantement; during that period and the machinery, durings, and outlings have over steed and paid for, and every liability disbursed. Up to the present time 481 tons (wita. 1 qr. of ore have been sold, realising the sum of 61291. 4s. 11d., and there is now surface about 60 tons more dressed and ready for market. It may be stated that the paid (Capt. J. P. Nicholis) has been presented by the shareholders with a handsome	Saturday, and the whole work in a pamphlet as soon after as possible; and those pursers and secretaries who have not yet furnished statistics,	ditto
Two tea and coffee service, as an earnest of their appreciation of the efficient and eco- mical manner in which the South Exmouth Mine has been thus far developed.	&c., will be kind enough to forward them to Mr. Watson without delay.	ditto 63 8 17 0 Wheal Arthur 48 1 12 ditto 43 2 3 0 ditto 22 4 8
	otherwise they will be omitted.	East Caradon 95 4 6 6 Brookwood 54 5 10
At the Spearn Moor Mine meeting, on Dec. 13, the accounts showed a		ditto 21 1 15 0 ditto 12 1 13
hit balance of 3671, 18s. 9d. Capts. Bennetts and Ellis reported that the mine at this	CORNISH PUMPING ENGINES The number of pumping-engines re-	ditto 89 5 9 0 Lady Bertha 61 3 10 ditto 75 9 11 6 Furadon 33 4 14
me is in a good state of working, and the operations can be carried on with moderate conse, as the water charges are light, and the bills for materials are not likely to be	ported for Oct is 31. They have consumed 2008 tons of coal, and lifted	ditto 60 7 16 0 Hawkmoor 24 4 19
beavy in future. The future success principally depends on opening the mine below is 110, and, should the ground be found as valuable below that point as above, the	15.2 million tons of water 10 fms. high. The average duty of the whole is, therefore, 51,100,000 lbs. lifted 1 ft. high, by the consumption of 112 lbs. of coal. The following engines have exceeded the average duty:—	ditto 55 13 4 0 Tavy Consols 19 3 5 Marke Valley 93 2 19 6
to form this time to improve.	is, therefore, 51,100,000 lbs. lifted 1 ft. high, by the consumption of 112 lbs.	MODAT PRODUCE
At Great Wheal Baddern meeting, on Thursday, the accounts showed	of coal. The following engines have exceeded the average duty:-	Devon Great Con 2049 £10,111 11 6 North Robert 123 £615 11
debit balance of 8711. 8s. A call of 5s. per share was made. The committee (through	Alfred Consols—Davey's 80 in	Phoenix Mines 498 1969 0 0 Wheal Yarner 120 407 16 East Caradon 465 3235 15 0 Sortridge Consols 73 427 10
howing the position of the silver-lead lode and sivan in Hill Brothers shaft and the	Crane—70 in	Marke Valley 430 1498 19 6 Wheal Arthur 70 175 7
debit balance of S711. Ss. A call of 5s. per share was made. The committee (through fix Feares) presented a plan, showing the present state of the mine, and a section, thewing the position of the silver-lead jode and eivan in Hill Brothers shaft and the method of the silver lead jode and eivan in Hill Brothers shaft and the result which they submit should be printed and circulated, to accompany and explain their report lately issued, it was resolved that "this be now done, and that the	Dolcoath Harriett's 60 in.	Devon Great Con2049
pain their report lately issued; it was resolved that "this be now done, and that the	Great Work—Leeds' 60 in	Wheal Crelake 250 1183 1 0 Lady Bertha 61 215 0
thanks of the meeting be given to Mr. Pearce, for preparing the plan and section." At the West Caradon Mine meeting, on Wednesday (Mr. A. Harris in	Rosawarne United -Richards's 65 in	Wheai Friendship., 141 1245 7 6 Hawkmoor 24 118 16
the chair), the accounts showed a credit balance of 45171. 6s. 8d. The profit on the two months' working was 2l. 10s. 11d. Details in another column. At the Great South Tolgus Mine meeting, on Thursday (Mr. Clinton	Ditto —St. Aubyn's, 40 in. 54/8 South Wheal Frances —Marriott's 75 in. 60/4 Stray Park –64 in. 55/9	Devoir & Cornwaii. 307 1100 14 5 Brockwood 66 389 2 Wheat Crelake 250 1183 1 1 Lady Bertha 61 215 0 Bedford United 212 885 6 0 Fursdom 33 155 18 Wheat Friendship. 14 1245 7 6 Hawkmoor 24 118 16 Wheat Emma 137 591 6 6 Tavy Consols 19 62 4
om months' working was 21. 10s. 11d. Details in another column.	Stray Park - 64 in	Awaren Standard #198 16 0 Awaren Produce
a the chair), the accounts, including October cost, showed a credit balance of 10511. 19s.	Traioweth = 60 in. 52-7 West Wheal Seton - Harvey's 85 in. 52-7 Wheal Ludcott - Willoock's 50 in. 55-9	Average Price per ton
original in another column	West Wheal Seton—Harvey's 85 in	Quantity of Ore
33 Okel Tor Mine general meeting, on Tuesday (Mr. J. M. Thistleton	Wheat Seton—Tilly 8 70 in	LAST SALE.—Average Standard £118 7 0.—Average Produce
the last meeting were confirmed executing the executing of executing and executing	The Comment of the Control of the Co	Standard of corresponding sale last month, £125 10 0 Produce, 5%.
one chart), the accounts showed a credit balance of 4121.12s. 11d. The proceedings of the last meeting were confirmed, excepting the erecting of arenciacl and copper and diverprecipitate works, on account of the authorities of H.R.H. the Prince of Wales observed the state of the Adam Murray's report, together with the agents', was consistent to show clearly that such profits will be made as will enable a 5s. dividend to declared at the next meeting. The office of reference is to be at Messra. A. Murray and Brothers, New-street, Spring-gardens, for which they are to be paid 31.3s. per month. At the Great Wheal Vor United Mines meeting, on Wednesday (Mr. News Nakes to the chart, the supplemental account meet up to the profits of the supplemental account meeting.	ELBE COLLIERY COMPANY.—The requisite machinery for drawing the	COMPANIES BY WHOM THE ORES WERE PURCHASED.
sesenting thereto. Mr. Adam Murray's report, together with the agents', was con-	coal will be forthwith erected. The delay which has occurred has been in consequence of its having been necessary to comply with certain Government formalities, which,	Tons. Amount. Vivian and Sons
declared at the next meeting. The office of reference is to be at Messrs. A. Murray	although perhaps annoying to Englishmen, who are accustomed to absolute freedom in their business operations, are regarded as absolutely necessary to safety and progress	Vivian and Sons
Brothers, New-street, Spring-gardens, for which they are to be paid 31. 3s. per month.	their business operations, are regarded as absolutely necessary to safety and progress in Austria.	Grenfell and Sons 528% 3561 2 2
At the Great Wheal Vor United Mines meeting, on Wednesday (Mr.	A SALT WELLAccording to American accounts, a novel salt mine	Sims, Willyams, and Co 544 2703 11 0
lowed assets over liabilities of 1934 188 104 Details in court or column	has been discovered at Wellsville, in the county of Columbians, Ohio. A well was	Present and Solo 279 1274 5 0 1274 5 0 1274 5 0 1274 5 0 1274 5 1274 12
at the Amman Coal Company meeting on Thesday (Sir Edwin Passes)	being sunk on the Artesian principle for extracting rock oil, when as a depth of 488 (t	DRUKER BUIL SOUS
"" thair), it was stated that the Nine-feet as well as the Niv-feet seems had been	a column of gas made its escape with such violence that the boring-rods and some 200 ft, of piping introduced into the orifice were suddenly thrown out like a ramred from a gun.	Copper Miners' Company
	The boring had reached an extensive vein of sait brine, and the gas continued to drive	Newton, Keates, and Co 103 807 9 U
rould admit. Sir Edwin Pearson and Mr. J. E. Panter were re-elected directors, and E. R. Flaber auditor—a professional auditor to be appointed as his colleague.	out with it a column of water charged with sait, and of the same diameter as the bore- hole, to the height of 150 feet. The sait brine is delivered at the rate of about 6 gallons	Sweetland, Tuttie, and Co
anigette in the chair), the accounts, including October cost, showed a debit balance 441. las., exclusive of the arrears of call, which amounted to 321. 15s. The report of		Total
	To Directors, Solicitors, Secretaries, &c.	Copper ores for sale on Wednesday week, at Tabb's Hotel, Redruth-Mines and par-
45 Me Wheat I nion meeting on Tuesday (Mr. W. A. Thomas in the	IMPORTANT TO ALL CONNECTED WITH PUBLIC COMPANIES Now ready,	-South Caradon 454-Great Wheal Busy 428-Fowey Consols 370-West Damsel
of 4s per share accounts, incidening October cost, showed a debit balance of 381%. Is. 6d. A	price 2s. 6d., A HANDY BOOK OF WHAT TO DO AND HOW TO DO IT, IN	-Tywarnhaile 220 - Craddock Moor 171 - Clifford Amalgamated 150 - Great Brigan 8 North Grambier 77 - Carn Camborne 42 - Falmouth and Sperries 30 - Pedn-an-drea
At Carn Galver Mine meeting, on Dec. 11, the accounts for the quarter	ORDER TO FORM ANY MERCANTILE, MINING, AND OTHER JOINT-STOCK,	-North Hallenbeagle 20-Grambler and St. Aubyn 15-Creegbrawse 9.—Total 2393 to
September showed a debit balance of 89%. 8s. 5d. The report stated that the	COMPANIES. Designed as a PRACTICAL GUIDE for Projectors, Promoters,	Copper cres for sale on Thursday next, at Tabb's Hotel, Redruth Mines and parc
Street), would leave a cast the quarterly meeting, when fully paid up (1896, being	Directors, Shareholders, Creditors, Solicitors, Secretaries, and other officers.	
	By THOMAS TAPPING, Esq., of the Middle Temple, Barrister-at-Law.	-Wheal Basset 143-East Basset 101-Wheal Harriett 61-West Stray Park 59-W
his however, a set-off of somewhat over this amount of tin that requires to pass the	London: Published at the Mining Journal office, 26, Fleet-street, E.C.,	-Cittood (Amaigamated) 504—Weet Seton 500—South Tougus 202—Wheet Seton: Pendarves 206—South Frances 201—East Pool 198—Tolcane 169—North Rocker —Wheal Basset 143—East Basset 101—Wheal Harriett 61—West Stray Park 59—WTolgus 49—Bampfylde 48—North Crofty 36—North Frances 26—South Basset 1 Wheal Kitty 15—East Tolgus 7.—Total, 3156 tons.
laning-house, but which could not be effected in time for the present account; and	and to be had of all booksellers and newsmen.	Wheal Kitty 15—East Tolgus 7.—Total, 3156 tons.
	the state of the s	

Vivian and Sons	627	£3187	19	6
Freeman and Co			5	0
Grenfell and Sons	528%	3561	2	2
Sims, Willyams, and Co	544	2708	11	0
Williams, Foster, and Co		5732	8	8
Mason and Elkington	5061/4	1934	13	3
Bankart and Sons	462	1530	19	6
Copper Miners' Company	40614	2078	15	4
Charles Lambert		713	19	3
Newton, Keates, and Co	152	807	9	0
Sweetland, Tuttle, and Co	25034	660	8	6
Neath Copper Company		262	16	4
			_	diam

DARRIGE DARRIE MITT

THE EAST CAMBRIAN GOLD MINING COMPANY

MERIONETHSHIRE, NORTH WALES Incorporated under the Companies Act, 1862, with liability expressly limited to the amount of the shares subscribed for.

Capital, £50,000, in 50,000 shares of £1 each.
Deposit, 5s. per share on application, and 5s. on allotment.
If the company have not sufficent capital subscribed to proceed to allotment, all deposits will be returned in fail.

DIRECTORS. I. HILL.

CHAIRMAN—Lieut.-Gen. Sir F. M. SMITH, M.P., K.H., F.R.S., 30, Hyde-park-square,
(Chairman of the Naval and Military Assurance Association).

J. HOPGOOD, Eq., 15, George-street, Hanover-square, W., and New House, St. Altan's
Heris (Chairman of the Liantwit Vadre Colliery Company).

F. LASCELLES, Esq., Neigherry House, Hampstead (Chairman of East Indian Freehold Land Association).

hold Land Association).
Licut.-Col. MONEY, 9, Berkeley-street, Berkeley-square (Director of Canadian Nativoli Company).

MILES CHARLES SETON, Esq., Randolph House, Maida-hill, and Wheal Seton

COTNELLUS WALFORD, Esq., 8, Cannon-street, and Little Park, Enfield.
CORNELLUS WALFORD, Esq., 8, Cannon-street, and Little Park, Enfield.
Lieut.-Col. WRAGGE, Fairfield House, Old Charlton.
Bankers—London and County Bank, Lombard-street.
Brokers—Sir Robert W. Carden and Son, 2, Royal Exchange-buildings.
Solicitor—A. Pubbrook, Esq., 61, Basinghall-street.
Auditor—James Holah, Esq., public accountant, 7, Lothbury.
SECRETARY—S. Taylor, Esq. OFFICES, -27, BUCKLERSBURY.

That gold mining can be successfully carried on in North Wales is now an established fact. The Commissioners of the International Exhibition, 1862, have testified to the importance of the subject by awarding the Vigra and Clogau Company a Prize Medal for the first successful result in Britain, chiefly due to their agent, John Parry, of the Working of a gold-bearing vein."

The exceeding richness of the Welsh gold fields is seen by the returns of the Vigra and Clogau Company up to the 30th September last, which prove that that company, at the comparatively trifling cost of £3000, obtained 7892 ozs. of gold, which realised at the Bank of England nearly £30,000.

Capt. Treloar, of the St. John del Rey Mining Company, speaking of the Welsh gold fields, and especially of the Cambrian, states—"The fature of North Wales is in the womb of time; but, be the result what it may, at present there is a gold field near Dolgelly of high promise, one which merits the attention of the miner and capitalist.

* * The gold field forcibly reminded me of a portion of the gold mining field in Brazil. * * I feel constrained to say that the Dolgelly gold field is a locality of very high promise."

* The gold field forcibly reminded me of a portion of the gold mining field in Brazil. * I feel constrained to say that the Dolgelly gold field is a locality of very high promise."

The object of this company is to secure and work the promising gold mine, situate at Moet Yapri, in the Hafod-y-Morfa Mountain, three miles north-west of Dolgelly. The property is held by lease, of which thirteen years are unexpired, at a royalty of 1-15th, and an annual rent of £160.

property is held by lease, of which thirteen years are unexpired, at a royalty of 1-15th; and an annual rent of £100.

The mine is traversed by several lodes of very rich silver-lead, copper, blende, and sniphur, all containing gold. In addition to these, a monster gold lode, at places 30 ft. wide, runs through the property.

It is bounded on the south by the Prince of Wales, and on the west by the Cambrian; and asverari of the lodes of both these mines run through it. The ore in the Prince of Wales is as rich as in the Vigra and Clogau, and its shares, with £2 15s. paid, are now selling at £26; while the shares in the Cambrian, which company was only brought out three months sluce, have risen 75 per cent. In value.

T. A. Readwin, Esq., F.G.S., in a paper "On the Gold-bearing Strata of Merioneth-shire," read before the British Association at its last meeting at Cambrian) Mine as one of the mines in what he calls the Cambian section, and states that It "has yielded, it is said, at the rate of 8 ozs. of gold to the ton of galena," and that "there is no doubt that gold quartz producing from 8 to 10 dwis, will pay large dividends."

The directors have instituted the most stringent enquiries into the merits of the undertaking. They first appointed a deputation to visit the mine, which selected its own engineer, S. Beardmore, Esq., whose report will be found below. After a thorough investigation, the deputation expressed entire confidence in the prospects of the concern. Samples of the ore from three of the lodes were taken by them, and sent for assay to Dr. Percy, of the School of Mines, and Messrs. Griffiths and Barton, assayers to the Bank of England, who returned the following results:—
Imperial lode, 1 oz. 5 dwts. 2 grs. of gold per ton of ore. (Messrs, Griffiths and Barton).

Champlon lode (which at surface produced 4 dwts, per ton), taken 3 ft, from the surface, 7 dwts. 8 grs. of gold per ton. (Messrs. Griffiths and Barton).

olon lode (which at surface produced 4 dwts. per ton), taken 3 ft. from the sur-wts. 8 grs. of gold per ton. (Messrs. Griffiths and Barton).

Barton).

Champion lode (which at surface produced 4 dwts, per ton), taken 3 ft. from the surface, 7 dwts. 8 grs. of gold per ton. (Messrs. Griffiths and Barton).

Sulphur lode at surface, 6 dwts. 7 grs. of gold per ton. (Dr. Percy).

Numerons other assays have been made, and all have produced appreciable results, every lode having been proved to contain gold.

It has been found in the case of the St. John del Rey Mining Company that a produce of three-quarters of an ounce per ton realised a profit of £100,000 in a year; and the Port Phillip Mining Company, with a produce of only 10 dwts., pays large dividends.

The directors wish to make it known that they have not permitted assays to be made from selected rich specimens, which they might have done, but have preferred to adduce samples of ore broken off promiscuously from the different lodes by the deputation. The assays show that this company possesses a good average quality of auriferous quartz that will prove remunerative on being worked, and which may reasonably be expected to increase in richness as the mine is opened out, especially when it is mentioned that the adjoining mine, the Prince of Wales, is obtaining some of the richest ore at the depth of 50 fms., from a lode almost touching the East Cambrian boundary.

Provisional arrangements have been made for the purchase of this property, including the existing materials on the mine, for the sum of £16,000, of which £5000 is to be paid in cash, and £10,000 in shares, which are not to be handed over to the vendors until six months after allotment.

in cash, and £10,000 in shares, which are not to be handed over to the vendors until six months after allotment.

The vendors are so satisfied with the prospects of the company that they have left the arrangements for payment to the absolute discretion of the directors.

The original reports and assays, and specimens from the several lodes, also very rich specimens (containing from 500 ozs. of gold per ton) from the adjoining mines, can be seen at the offices of the company; and every information will be supplied on application to the directors, brokers, solicitor, or secretary, of whom prospectuses and forms of application for shares may be had.

REPORTA. REPORTS.

REPORT4.

Manchester-buildings, Westminster, Oct. 27, 1862.—In accordance with the instructions given to me, I have examined the property of the East Cambrian Mining Company, in the neighbourhood of Doigelly. My attention was directed to the following points:—

1. To ascertain the exact position and extent of the property.—2. The course of the lodes which pass through it.—3. The general character of these lodes. On the first point, I beg to report that the property is situate in the parish of Lianelityd, about three miles from Doigelly, and is bounded on the south by the Prince of Wales, on the sear by site Sovereign, and on the west by the Cambrian Gold Mines, the Journal of the parish of Lianelityd, about three miles from Doigelly, and is bounded on the south by the Prince of Wales, on the sear by site Sovereign, and on the west by the Cambrian Gold Mines, the Journal of the lodes approximately laid down. They run nearly east and west, with a caunter lode running north and south. One of these, and the most important of them, would appear to pass right through the Cambrian sett, and also Garthgelt, the important property beonging to Meesrs. Cobden and Bright. Referring now to the ascertained character of these lodes, I may observe that the assays submitted herewith are specimens taken by me at random from different parts, and that they were delivered into the hands of the several assays refrect from the lode. I estimate the cost of putting the machinery, &c., on the ground, together with the cost of opening out the champion lode by means of an adit level, at £8000, and when this is done you will have at command a quantity of ore which is practically inexhaustible. It may be observed that the Vigra and Clogau Gold Mine has, from the very richness of its ores, been able to obtain large returns by means of machinery and apparatus which would not be considered adequate to the reduction of such ores as these operated on by the 8t. John del Rey and Port Phillip Companies, and there is, therefore, a large margin for

ncentrated ore,	No. 1	36 .		1 3	0	 21	0
Ditto,	No. 2	63 .		0 12	0	 36	15
Ditto.	No. 3	42 .		0 15	9	 25	0
Ditto,	No. 5	22 .		0 15	4	 28	0
Ditto,	A						
Ditto,	B	25 .		0 18	8	 39	2
	Samples from tode on Moel	Yapri	Farm	T-record			

satisfactory.

JOHN H. CLEMENT, F.G.S., F.C.S., &c.

Oct. 30, 1862.—In handing you a report of this valuable and interesting mining property, I will firstly draw your attention to the locality; secondly, to the assays—the results given by such assays must certainly be very encouraging, clearly demonstrating the value of the property. The mine is bounded south by the Frince of Wales Gold Mine, west by the Cambrian Gold Mine, and east by the Sovereign Gold Mine. It is within a short distance of the celebrated Clogau Gold Mine, and in the centre of the property distinct, and is only half a mile from the shipping port. Having stated the true position of the mine, as a general rule the value of the property must be taken by the results of assays as per sample in the different locae contained therein. In 1856 I opened some few pits on the back for the tokes in search of silver-lend, from which I extracted speciments of rich quality. Having at that time in hand the (now) Frince of Wales, the Clogau, and the Vigra, which, after working a year or two for copper, were also abandoned. At the East Cambrian were abandoned, our forces being concentrated on the development of the Glegau and Vigra, which, after working a year or two for copper, were also abandoned. At the East Cambrian five lodes are known to exist, each presenting indications to warrant development on a large scale. By driving a deep addit under the main lode the five lodes would be intersected at a great depth.

Taking into consideration the facility for working his extensive set; the satisfactory

results of the various assays, and the aspect of the samples from the lowest levels, I am safe in saying that in the East Cambrian you have a valuable property. There has been so much said about the chances of success in favour of gold miling in Welse that it only remains for me to endorse the opinions and views of such able writers, believing your property equally as valuable as the ones in operation. THOMAS FAULT. Late Manager of the Almadeu Mines, California.

Vigra and Clogau Mine, Dolgelly, June 18, 18.0.—According to your request, I have inspected the above usine, and beg to hand you my report. It is situate in the parish of Lianelly, dounty of Meriousth, north of the Prince of Wales Mine, and about 800 yards distant from the shipping piace of Maesygarned. There are in this sett several lodes, the backs of which are to be seen in pits at surface. There is a lode which deserves especial notice, as it is a most magnificent one; it runs east and west for a long distance. I followed it towards the east for 300 or 400 yards to the old workings, where the lode looks very promising, and is composed of silver-lead ore and blende of a very rich character. At the western part of the property is a salphur lode, spotted with copper, about 12 feet wide, and from appearances will give copper in depth. I recommend an adit level, the ground being favourable for that purpose, (say) 120 or 120 fms. below the old workings, and continue it for 100 fms., where I believe you will find the different lodes very productive for ore, and henceforward the mine worked at a good profit.

JOHN PARRY.

Assats Made since the Deputation Visited the Mine.

I hereby certify that I have examined two samples of quartz, and that they contain

THE EAST CAMBRIAN GOLD MINING COMPANY (LIMITED), Incorporated under the Companies Act, 1862, with Limited Liability. Offices—27, Bucklersbury, London.

FORM OF APPLICATION FOR SHARES.
To the Directors of the East Cambrian Gold Mining Compar

SOVEREIGN GOLD MINING COMPANY (LIMITED), DOLGELLY, WALES.; Capital £50,000, in shares of £1 each. Deposit on application 5s., and 5s. on allotment.

ALLOTMENT OF SHARES.

The directors having made fresh arrangements with the owner of the mine, reducing the purchase money from £5000 cash and 13,000 shares to £3000 cash and 9000 shares (the former to be paid by instalments) will proceed to ALLOT SHARES on the 23d inst. Application for smended prespectuses, &c., to be made to the secretary, at the company's offices, 10, Old Jewry Chambers, London.

OVEREIGN GOLD MINING COMPANY (LIMITED).—
MANAGER WANTED, thoroughly CONVERSANT with GOLD QUARTZ
GRUSHING on the LATEST PRINCIPLES.—Apply, with testimonials, to the secretary of the company, 10, 0id Jewry Chambers, London, E.C.

THE VISTULA COLLIERY COMPANY (LIMITED). Capital £60,000, in 12,000 shares of £5 each.

Registered under the Companies Act, 1652, whereby the liability of each shareholder is expressly limited to the amount subscribed ainder the £1 per share payable on application, £1 on allotment, and the remainder by instalments of £1 each, at intervals of three months.

of £1 each, at intervals of three months.

W. D. ATTWOOD, Esq., 6, Sumner-place, Onsiew-square.

THOMAS CLARK, Esq., 3, Dean's-court, St. Faul's Churchyard.

J. T. VON DOLLHOPF'S EDLER VON REBENTHAL, 174, Altherchenfeld, Vienns and Teplits House, 45, Highbury New Park.

W. JAMES, Esq., Mitcham, Surrey.

The Rev. G. LEE, 63, Church-road, Islington.

C. VAILE, Esq., 3, Avenue-road, Clapton.

C. VAILE, Esq., 3, Avenue-road, Clapton.

CONSULTING ENGINEER—Mr. Robert Davison, Member of the Institute of Civil Engineers, 8, London-street, E. G.,

BANKERS—The Bank of London, Threadneedle-street.

Public Auditon.—R. George Augustus Cape, 3, Adeiade-place, London Bridge, Sceneraux—Mr. Henry James.

OFFICES.—193, GRESHAM HOUSE, OLD BROAD STREET, E.C.

OFFICES,-193, GRESHAM HOUSE, OLD BROAD STREET, E.C.

OFFICES,—193, GRESHAM HOUSE, OLD IROAD STREET, E.C.

This property is situate on the left bank of the Przemsa, a navigable branch of the Vistola, and close to the Grand Trunk European line of railway, which connects Vienna, Berlin, Dresden, Warsaw, and all the clitics of Central Europe.

The concessions are named Carolina, containing 193, and Emilia 114, Grubemmassen, or rights in perpetuity to mine for and win coal. The concessions adjoin; on the east they are bounded by the Imperial Colliery of Barbara, on the south by the Coal Field of Troy, the property of Count St. Genols, on the west by the River Przemsa, and on the north by the coiliery of Westenholz.

This immense property covers an area of 2.734.592 square fathoms, or 2440 statute as large an area as the average of English collieries.

The property, which forms part of the Upper Silesian coal basin, has been explored to a depth of 400 fms., and 14 seams of highly bituminous coal have been discovered, which are of the enormous aggregate thickness of 120 ft., being—

Niedzidesker seams, four in number—

Test Lielek seam.

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99	Francesca	7
***	Ludovica	8
99		6
**	Coranum	7
**	Hollu	4
**	Frederich August	12
		,, Francesca

500 tons of available coal per acre, it follows there will be in this property 439,300,000 f workable coal; this, with a daily delivery of 1000 tons, will take 1463 years to aust the coal field.

of workable coal; this, with a daily delivery of 1000 tons, will take 1463 years to exhaust the coal field.

Labour and timber are exceedingly cheap, a skilled miner's wages being only 1s. 6d. per day, and a labourer's, for surface work, only 1s. The coal being at a very shallow depth can be raised, including the royalty of 1s. per ton, for 2s. 6d. per ton, whilst its selling price at bank averages 7s.

The markets are without limit, and extend from Dantzic in the Baltie to Vienna, from which it is distant by rail 265 English miles, is frequently as high as £3 per ton, for my the high as £3 per ton, for any the same property of the same property of the same property. Any other are excellent, bringing the branch railway into the centre of the basin, constructing a horse train to the river side, &c. The directors have entered into a provisional contract for the purchase of the entire property for £35,000 —£20,000 in cash payments, extending over a period of six years; £15,000 in fully paid-up shares of the company, and a royalty of is, per ton of 2240 ibs. on all coal raised and sold.

They propose in the first place to sink to the Jalek seam of 28 ft., which will be gained within the depth of 30 fms; this can be rapidly done, and sufficient ground opened up to ensure a delivery of 1000 tons daily within one year. The estimated cost of these works will not exceed £20,000. A most important and valuable feature in this property, and one which can scarcely be overrated, is the total absence of fire-damp and other noxious gases, whereby the coal can be won much quicker and with a considerable saving in the working costs.

The results confidently anticipated are, that a profit of 4s, per ton will be realised, but if only one-half is the practical result, and this be again divided by setting apart 1s. for extending the operations, and dividing only 1s. per ton amongst the shareholders, it is £15,000, or 25 per cent. per annum on the entire capital; but when charges on profits have ceased, and increased delivery shafts and railway communication, the vast markets within reach, the prices obtained, the enormous extent of acreage, the great thickness of the coal, over 120 ft., and the shallow depth of some of the seams, it is believed to be a property without parallel.

The following is extracted from the report of the speech delivered at Southampton is ord Palmerston, on the occasion of an entertainment to Baron Thierry, the Austri

The following is extracted from the very constraint of the property of the Austrian Minister:—

"I believe there is no country in Europe with which England could have a commerce so extensive and advantageous to both sides. Austria abounds with things which would fetch high value here. The natural resources of Austria, the productions of all kinds, either from its surface or from its mines, are really something wonderful, not known enough in England, but well known to those who have studied the statistical resources, the treasures above ground and below ground, of Austria. An extensive commerce between the two would clearly be more advantageous, both to England and to Austria, than an extended commerce between England and any other country in Europe. That is a doctrine which we have long held, and I believe the enlightened statesmen of Austria are quite alive to its truth. I hope that the visit of your distinguished guest will tend very much to strengthen Count Rechberg and his colleagues in the enlightened views they entertain. He will be able to tell them in Austria what wonderful progress this country has made within the last few years, by reason of the freedom and the development which have been given to commerce, to industry, and to manufactures; and he will point out that Austria would derive equal benefit by following the same course. I am quite sure it is greatly to the interests of Austria to emourage the utmost possible freedom of interchange and exchange with England: and it is unnecessary to say it will be greatly to the interests of England that that system should be established, as I trust It will be. I take the liberty of impressing upon our distinguished guest that, by increasing the commercial intercourse between the two countries, we are not only addition to the wealth, happiness, and prosperity of both, but that we are, he a very great degree,

Reports of the Imperial Government, eminent coal viewers, and engineers, with sections, goological plan, &c., may be obtained at the offices of the company.

THE PROGRESS OF MINING IN 1861,

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nd the 1ste of Man.

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past year.

past year.

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CAUTIOUS MAN.—Many speculators in mines having written to the writer of the letters signed "A Cautious Man," asking him if it would by able to him to transact their mining business for them, and to give them informs when he has, by his inspecting agents, fixed on a good mine to speculate in, historia, and the public generally, that he will have no objection to not as a broke for the nor mines he may recommend, but in no other.

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He has taken offices in the City, and will be happy to see any clients who may favor him with their mining business.

He will with pleasure give his opinion to parties holding shares in British mines, as to the advisability of keeping or disposing of their stock.

Those speculators who may entrust him with their business may rest assured that he will make by purchases for them in none but good mines, such, in short, as the most experienced mining inspectors in Cornwall would acknowledge to be good. The built of calling mines (with but few exceptions), and the trash, he will leave to others to specialty in the control of the confident much money may be made and the confidence of th

lists in.

By his system, and by following his advice, he is confident much money may be mail
By his system, and by following his advice, he is confident much money may be mail
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Notices to Correspondents.

• Much inconvenience having arisen in consequence of several of the Numbers during the past year being out of print, we recommend that the Journal should be regular filed on receipt: it then forms an accumulating useful work of reference.

East Blonflotd.—"A Miner" has forwarded us a cheque for 21. 2s., to pay for a report on this mine, to be inserted in the Journal. "A Miner" declines to name a agent, but suggests that one of the following should be selected: (agent of Messrs. Taylor and Sons), at Goginni Capt. Northey (agent of Mr. J. H. Murchison), at Pennis' Murchison), at Bwich; Capt. Boundy (agent of Mr. J. H. Murchison), at Pennis' Capt. He agents of Messrs, John Taylor and Sons at Cwm Erfin and East Darren; Capt. Goldsworthy (agent of Mr. Henry Jones), at Nant-y-Creia.—Dec. 18

Goldsworthy (agent of Mr. Henry Jones), at Nant-y-Crela.—Dec. 18.

GREAT WHEAR ALFRED.—In reply to the enquiry of "A Large Shareholder," in last week's Journal, the Committee beg to state that the greater portion of the machinery and materials had been sold, payments for which are in course of collection. The committee intend to convene a general meeting of the shareholders at the end of January next, when the accounts will be laid before them. Every information will be given to the shareholders on application at the office.—D. Cohen, Servention will be given to the chareholders on application at the office.—D. Cohen, Servention will be given colliery property in Wales, the publication of his paper on the "Long Wall" System is necessarily deferred. We believe it will appear in next week's Journal.

DOLGELIK 31 SERT.—I shall be glad if any of your readers will inform me whether there is any truth in the rumour now circulating, that a question connected with this sid is any truth in the rumour now circulating, that a question connected with this sid (a portion of which is now in possession of the East Clogau Company is likely to be prought before a jury on the ground of non-failment of contract for parchase entered into by Mr. G. Searby with the lessee, Mr. G. F. Goodman?—A Locker.—Osc. Relater Cammanhan Gold Ministo Company.—In was much streek with which Ithial.

into by Mr. G. Scarby with the lessee, Mr. G. F. Goodman?—A LOKER-ON.

EAST CAMBRIAN GOLD MINING COMPANY.—I was much struck with the favourable terms of purchase made by the East Cambrian Gold Mining Company, which, Ithiak it would be as well for many other companies to copy. The vendors are so satisfied with the prospects of the company that they have left the arrangements for payment to the absolute discretion of the directors. Thus, in effect, not asking a pany in cash until the company has enough capital subscribed to pay, as, of coarse, the directors having a discretionary power would not lend themselves to put mongring the vendors' pockets unless they had sufficient subscribed capital to authorise than 19 do so.—An Investor.

East Caradon. In my advertisement of last week I observe a typographi by the word "beast," instead of "frash," which I will thank you to corre-insertion of this explanation. I am pleased to say the mine has much improve

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DEC. 20, 1962

THE MUNICIPAL TOURNAL

THE ANNUAL REVIEW OF MINING.

This valuable epitome of Mining Progress is in course of preparation for 1862, being the Nineteenth Year. Pursers, agents, and others concerned, are requested to forward all their information, with as little delay as possible, either to our office, or to Mr. Watson (Watson and Cnell, St. Michael's-alley), that complaints may not be made of defects or omission.

* * It is carnestly requested that agents of mines will forward their reports, and correspondents their letters, as early as possible in the ensuing week, that their insertion may be secured. Christmas Day falling on Thursday will nece. sarily interfere with our arrangements, but we hope for the assistance of all interested to prevent, so far as possible, omissions, wherever, they can be avoided.

THE MINING JOURNAL Bailway and Commercial Gazette.

LONDON, DECEMBER 20, 1862.

LONDON, DECEMBER 20, 1862.

The "MINES, MINERALS, AND MINESS OF THE UNITED KINDON" was de subject of a highly interesting paper read before the Society of Arts, as Veinesday evening, and when we state that Mr. Robert Plant, and the subject of a highly interesting paper read before the Society of Arts, as Veinesday evening, and when we state that Mr. Robert Plant, and the interesting in the understand the subject historically, commercially, or from a scientific point of view, it is equally full of that real interest which ever surrounds those things which minister directly to the necessities and luxnies of human existence. For more than 2000 years we lare been a mining people. The history of British mining is a remarkation and other guiding light of the guiding light of history has not penetrated—where we are aided alone by the uncertain flickerings of wild traditions—British mining has its origin. The evidences of mining by that people whom we usually istinguish as the Ancient Britons, it must be admitted, are obscure, but he maintains hat there are rude works to which he could astisfactorily point as indicating he labours of our British forefathers. The Roman mines, in Cardiganshire, in Stropshire, and some other counties, show us that the followers of JULIUS Carsan sought with great industry to render the natural resurses of British mining for upwards of five centuries. It is, however, certain that mining operations must have been prosecuted during this period, as we find the timers of Cornwall and Devon of sadjicent importance to obtain from King Jons, in the third year of his reign, a charter granting them especial, indeed tyrannical, privileges. Presuming, it would appear, upon the patronage bestowed on them, they assumed to themselves extraordinary powers. We find a petition to Parliament, in the first year of the reign of Edwards II, asking for protection from the incursions of the miner, stating. "The said intense to daily dig, and claim to dig, in very pacess of land, as well in tilled as in other land The "MINES, MINERALS, AND MINERS OF THE UNITED KINGDOM" WAS

wornly, showing a real love for the truth, he is curiously carried away from it when describing the state of a mine, and he expresses his hopes rather than records his knowledge. The exaggerations exhibited in some reports or mines are often of an amusing character, running, indeed, into poetical rhapsodies, which lead to disappointment to those who give credence to the broadle industrial and the disappointment. erbole indulged in.

apperbole indulged in.

Miners, from their very childhood, are trained to observation, yet their powers of observation are of a very limited order. Their experience is made up of a knowledge of peculiarities existing within a confined area. So long as these repeat themselves the miner's deductions are correct; but vary the phenomena ever so slightly, and he is at once at fault. This is continually occurring. Within the circle of their labours a few men will, probably, arrive at a tolerably exact knowledge of the conditions existing, and this knowledge gives them a pre-eminence amongst their fellow-miners a advisers. But remove one of these men from his own locality, he is rarely able to group the new phenomena presented to his view; he feels he is ignorant, though he is rarely so boldly honest as to proclaim it; and he commits himself to statements which are only vague guesses, happy indeed if anyone of them proves correct. The most elementary laws of science are still a book sealed to the large majority of miners, and while they are, of all men, themselves the most theoretical, they always meet any attempt to explain phenomena upon the evidences of inductive research, by pronouncing the explanation to be a "theory," which is of no value to a "practical." We, therefore, find that the means adopted for determining the value of a mineral district, or of a metalliferous vein, are of the most uncertain character. The task is committed to men who have only their prejudices to guide them. By prejudices we must be understood to a ever so slightly, and he is at once at fault. This is ng. Within the circle of their labours a few men will, rejudices to guide them. By prejudices we must be understood to crude opinions, formed from mere experience—an empirical know-

ledge of the most imperfect kind. It must be admitted that amongst the miners there is an entire absence of any method by which a knowledge may be obtained of the canses leading to the production of mineral deposits. While the speculations of those philosophers who will not endure the toil of subterranean investigations are wild, and consequently valueless. The natural consequence of this imperfect knowledge is, that all mining operations are necessarily attended with much uncertainty. From time to time a most productive mine is discovered. The Devon Great Consols, first known as Wheal Maria, has paid \$286. dividends upon every share, if only was ever paid; the last price of those shares wo worth 4900. cach. Upon the shares of South Caradon, near Liskeard, the trifling sum of 25s. only was ever paid; the last price of those shares was \$3904; and 3914. profit has been paid on every share. There are other examples of great success in mining. Such results as these are laid hold of by designing men, and used to bait the hooks by which those who are in a burry to be rich are to be caught. There is, however, a more astifactory chapter than this in the history of British mining; and after the experience of considerably more than 29 years, with constant attention to the subject, Mr. Huxr feels assured that mining, commenced with proper judgment, legitimately carried onward, guided by the advice of experienced miners, and directed by honest intentions, is as satisfactory a speculation as any in which a capitalist can engage. In evidence of this, it is pleasing to adduce an instance of a supplication of the subject of the satisfactory and the subject of the subject of the satisfactory as a subject of the satisfactory as a subject of the satisfactory as a subject of the assistance of men whose judgment has been formed by a careful about 590,0000. Thus we learn that, not-withstanding the uncertainty which attends all mineral explorations in the present state of our knowledge of the satisfactory and proper influences, not m

gress. We teach reading and writing in every, the remotest, corner of the land, and there we stop. We instruct our children in a knowledge of the signs by which ideas are expressed, but we leave them to gather ideas by any accidental means which may present themselves. We put tools into the hands, but we trust to chance for a knowledge of the way to use them.

It is noncessary to discuss the question of the worth of knowledge to the working man; the unfortunate evidence which is constantly recurring of the loss of life in our collieries and mines convicts us all, as a people, of great cartesizes.

Amendo on trying the experiment in our mining operations, and every accident proclaims that the system does not answer. If we would save life we must educate the living in the causes of danger, and teach them the means by which they may be guarded against. The ventilation of a colliery may be the best possible, the truest science may have been brought to bear on the problem, and in obedience to exact laws everything may have been arranged. Then, having taken all this care, having expended all this thought, time, and money, we leave it to the mercy of any individual man, out of many hundreds of ignorant men, who, through their very ignorance, are thoughtless—reckless. Hundreds of thousands of pounds are expended annually in the exploration of our mineral districts. There is a rare, a tempting, supply of minerals in these islands. We have gold and silver, copper, lead, tin, zine, antimony, nickel, cobalt, bismuth, uranium, chromium, and other of the rare metallic minerals, not to mention our vast stores of iron; coal beds, which are enormous, but which we are wilfully wasting, and earthy minerals of great value. The hoarded treasures are mined for by men who burrow, as does the mole, without any guiding light. The result is that mining for metallic mineral is not, on the whole, removerative, whereas it is the expressed opinion of men whose experience entities them to attention, and whose utterances are the result of car

planted in its place some of the seeds from the tree of knowledge.

In an interesting discussion which followed the reading of the paper, Sir Thoras Phillips (the Chairman) observed that Mr. Hunt had adverted to the uncertainty attending mining operations, and he thought Mr. Hunt was too sanguine in his anticipations as to the power that might at some future time be acquired of ascertaining beforehand the nature and extent of the mineral deposits in a particular locality, and that there always must be a great smount of uncertainty.

Prof. TENNANT seemed fully to recognise the barbarons ignorance both of Cornishmen and miners generally, his chief grounds for the assertion being that in our colonies and elsewhers atones had been passed over which had they been submitted to him he might have shown to be diamonds; and that Cornishmen were too ignorant to distinguish iron pyrites from copper pyrites, because, as he contends, they call both mundle.

Mr. R. RAWLINSON was sorry to say that Mr. Hunt's remarks as to the Mr. R. KAWLISSON was sorry to say that Mr. Hunt's remarks as to the ignorance of the miners applied to every district he had visited. With regard to the pecuniary losses in mining, he would state that some years ago, whilst holding an official enquiry in Cornwall, he was brought into connection with several of the large mining adventurers of that district, and they sixed it as their opinion that if the value of all the ore mines in Cornwall, and the cost of working them were compared, the statement would stand as something like 25s, paid for every pound's worth of ore obtained.

Mr. JAMES HOLLOW generally concurred with Mr. Hunt, but did not consider the miners were sitogether the ignorant and gloomy class which Mr. Hunt had described them.

described them,

Mr. Hunt, in reply to Sir Thomas Phillips's remark that there would always be uncertainty, said that there were certain laws in obedience to which the minerals were deposited. What he hoped to see was a careful record of the varying condi-

tions met with, which would lead 23 knowledge. He must stand up in defence of the miner against Mr. Tennant, since of the ordinary minerals—the varieties of tin and copper ores, and of lead and zinc—miners had gained by experience a very perfect and strictly descriminating knowledge, but he believed that by increased chemical knowledge they would be able to turn to account the rarer minerals, such as the silver in gossans.

Mr. W. Hawes was rather disposed to praise the workmen for what he did know than to find fault with him for what he did not know. With their present knowledge he thought it would be difficult for them to ascertain the fixed laws of Nature in the deposition of mineral veins, but they must endeavour to guess, upon the best information they could obtain.

The usual vote of thanks closed the proceedings.

THE MINES, MINERALS, AND MINERS OF THE UNITED KINGDOM.

CRITIQUE ON PROFESSOR HUNT'S LECTURE AT THE SOCIETY OF ARTS, ON WEDNESDAY, BY A WORKING MINER.

CRITIQUE ON PROFESSOR HUNT'S LECTURE AT THE SOCIETY OF ARTS, ON WENNESDAT, BY A WORKING MINER.

Everyone who has had the pleasure of hearing Mr. Hunt must bear witness to his ability as a lecturer: to lucidity of statement he adds the grace of that clearness of voice and earnestness of manner that cannot fail to rivet the attention of his audience. On the present occasion he dwelt with great eloquence and felicity of expression upon the subject at issue, and laboured to prove not only that mining was a thing not understood, but that the inhabitants of Cornwall engaged in that pursuit were a race to a degree ignorant and benighted. Had Mr. Hunt been lecturing on the aborigines of Australia or Patagonia, he could hardly have dwelt with greater force upon their lack of intelligence, than he did upon the Celtic race of the western promontory of our island; and I am sure our Cornish friends will owe him a debt of gratitude for thus depicting their mental obscuration; as, when people know the depth of their darkness, they are the more likely to cry out for light. It must, however, be acknowledged that, with singular inconsistency, Mr. Hunt describes the mental powers of the Cornish miners as of the highest order, and their aptitude to receive instruction and to digest their mental pabulum, the quickest and most excellent in its degree. Mr. Hunt went on to show the absurdity of their ignorance, by declaring how little they knew of the elements of nature, as far as the newer metals were concerned; and declared that, as a body, they were innocent of the character of cadmium, tellurium, iridium, molybdinum, and such like discoveries in the metallic kingdom; or, if they knew anything at all about them, it was but a modicum of what they ought to know.

Prof. Tennant, at the end of the lecture, bore strong evidence to the obfuscation of the Cornish mind, and said they did not in that barbarous district know the difference between copper pyrites and iron pyrites; and as to diarconds, he had put some of these precious article

crystallisation of the metal in the lodes; and I know of places where, following the line of the magnetic needle and opening on the gossans of the lodes, twenty good mines following had been found, without one intermitting error.

I have known one mine agent open as many as sixteen mines, all of which have proved profitable; and, I believe, supply many of our agents with the capital and they would go and do likewise. The truth is, these poor Professors when they go underground, shivering with fear, with their clothes wet, their fingers dirty, their shoes under water, and their feet damp, with the nasty greasy candle to carry, have very little time or opportunity to examine the lodes, and they are glad to get to grass again as soon as possible. Poor gentlemen? I have seen them often underground in a dreadful state; it has made my heart sore to see them, and I am not at all surprised that they should think it impossible for anybody to find a good mine by any such symptoms as they were enabled to discover. With the miner, in his underground clothes, in his normal state, it is quite another thing, and he is enabled to examine everything underground with as much comfort as the Professor is enabled to examine a piecr of polybasite in his museum or study. The Professor alleges that the whole of the metallic mines in England pay about a sovereign for every 25s. invested in them, he must know that, at any rate, a number of them pay a high percentage upon the money embarked is them, and that with regard to the rest, they are progressing towards a state of completion.

Is not this the case with everything else? Suppose that a person wishes to invest money in building houses; it is only those that are complete that pay him a rent; and, if we take it for granted that it will take five times the year's rent of one house to build another, it follows that if he have only one in the course of building, and four completed, although he will be receiving no rents, dividends, or interest for his capital, he will yet be fairly incre

REPORT FROM NORTHUMBERLAND AND DURHAM.

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DEC. 18.—The general position of the Coal Trade here certainly does not improve as the year advances, and the prospect for the ensuing spring does not appear very bright at present; on the whole, indeed, it appears to be the reverse, and gloomy enough. The long-continued depression felt at the large steam coal collieries in Northumberland has led to the men engaged receiving a month's notice for the termination of their present agreement. This has been done at several of those large works, including Bebsides, Sleekburn, Seaton Delaval, &c.; it being understood that the intention of the obsides, Sleekburn, Seaton Delaval, &c.; it being understood that the intention of the obsides, Sleekburn, Seaton Delaval, &c.; it being understood that the intention of the period. This, however it is to be regretted, can hardly excite surprise, when the long-continued depression experienced is taken into consideration. The Walker explosion has given a little impetus to the "Minere' Pernanent Relief Faund." In this district aiready the local society numbers upwards of 8000 members—a nucleus from which there is little doubt it will ultimately assume proportions commensurate with the merits of such a fund. When a sufficient number of members shall have been secured the adhesion of the coalowers to the scheme will, no d-ubt, be secured, and also the support of the general public. A visit has been plad to the district lately by the promoters of a general fund, but their reception has been, as might be expected, very cold. It is much to be regretted that their visit should have been paid at all, as it only tends to create dissension in the ranks of the miners, where all should be unanimous. The National scheme never did receive much support here, still its advocacy has retarded the progress of the local scheme considerably sile as the latter is in actual working order, with a considerable number of members, and in good hands, it is to be hoped that the miners will come in and join in thousands,

Dec. 10, the plaintiffs being the Northumberland and Durham District Banking Company; and the defendant Mr. Balph Waltors. The defendant agreed to purchase the Spital Tongues Colliery from the plaintiffs, paying a deposit of 200L, but a dispute having arcse as to a certain plot of ground, the defendant relused to pay the balance, 200L, and has since worked the colliery and received the rents of the property on the estate. The plaintiffs, therefore, filed a Bill in Chancery, and the case was heard on Dec. 10. The afaster of the Rolls at once stated his intention to make a decree for the specific performance of the contract, with a reference to Chambers to ascertain what reduction should be made from the total of the purchase money, by reason of the whole of the colliery as it existed on the 19th day of March, 1800, the day of the contract, and also a deduction of 100L in respect of the two plots of land under the contract of 1841, with such interest as the defendants ought to pay. The Master of the Rolls animadverted at considerable length on the conduct of the defendant in carrying on the works for a year after he knew the state of the case. Dec. 10, the plaintiffs being the Northumberland and Durham District Banking Com-pany, and the defendant Mr. Ralph Walters. The defendant agreed to purchase the

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

DEC. 18.—All accounts concur in supporting the reports previously made as to the Iron Trade. There is a fair supply of orders in all branches, except, perhaps, for common bars; and considering the season of the year, and the absence of stocks of manufactured iron, the trade may be regarded as in a healthy state, and in a position in which any decided addition to the demand would soon lead to an advance in prices. How long it will be before this result shall be obtained it is vain to surmise. Until it is experienced, manufacturers must be content with small profits, and the men with low wages, and find consolation in the fact that the works at the present low rates can, in spite of untoward influences, be kept in a fair degree of operation. There are reasons for anticipating that the trade will be considerably better in 1863 than during the year now so near its close. The dispute as to wages having been adjusted, there is a good demand for coals at most of the collieries of the districts of North and South Staffordshire. In a recent letter it was noticed, as a matter of congratulation, that pro-

dispute as to wages having been adjusted, there is a good demand for coals at most of the collieries of the districts of North and South Staffordshire. In a recent letter it was noticed, as a matter of congratulation, that proprietors of collieries had taken the initiative in instituting proceedings against those in their employ for breaches of the regulations imposed under the Miners' Inspection Act. On Monday last a number of chartermasters in the employ of the respected firm of Messrs. John Bagnall and Sons were summoned before the Willenhall magistrates, at the instance of their employers, for paying the men at their houses, instead of at the colliery, as required by the special colliery rules. The object of the rule is to prevent any inducement being held out by the chartermasters to the men to spend part of their wages in drink, and it is satisfactory that the Messrs. Bagnall insist on those in their employ complying to it. Without a disposition on the part of the owners to enforce the provisions of the Act, they will too often prove only a dead eletter, or merely a handle by means of which common informers may extort money.

Abraham Roper, a man who pursues the profession previously noticed, has lately been looking up cases in which persons are raised or lowered in vertical shafts by girls, women, or boys, under ils years of age, the prohibition of which is a very saintary provision, the very necessity of which tends to show the want of a proper regard for safety. In a case heard yesterday before Mr. Partridge, stipendiary magistrate, at Wolverhampton, Mr. B. Whitehouse, sen., owner of the New Cross Coillery, near Wednesfield, was charged with allowing a boy under 18 years of age to have charge of an engine used to draw persons up the vertical shaft of a pit. On the 20th uif. Roper went to the coillery about half-past five c'clock in the evening, where he conceased bimself in the ash-hole near the engine-house, and saw a boy, apparently about 15 years of age, set the engine in motion and let down three m

a collery at Dormington Wood, Shropshire; and a fourth boy was so much injured as to leave no hope of his recovery. The result of the enquiry before the coroner was a verdict of "Accidental Death,"

With reference to the action, referred to last week, in which the railway company was plaintiff in the Court of Chancery, and Messrs. Haines defendants, Mr. Job Haines, one of the latter, and a magistrate of the county, in a letter_recently published, asserts that not only does the memorandum drawn up by Mr. Yardley not contain any reference to the rights of the lessor, but he says—"I distinctly assert, as sworn to in the proceedings of this cause, that I never negociated for, or professed to sell, the landiord's interest, and that the agreement by omitting to notice the landlord was correctly prepared. I had no power to deat for the landlord's interest, as Mr. Yardley well knew, not only from his being the landlord's mineral agent for the property in question, but also from distinct information conveyed to him previously by the landlord's principal estate agent, that I was only to treat for our own interest, and leave the principal's agent to deal for the landlord's separately.

REPORT FROM DERBYSHIRE, YORKSHIRE, AND LANCASHIRE.

REPORT FROM DERBYSHIRE, YORKSHIRE, AND LANCASHIRE.

DEC. 18,—The near approach of the festive season of Christmas is a period generally dull in commercial matters, as merchants are engaged in stock-taking. The present season, however, as far as it has gone, has proved more astisfactory than at this period last year. There is a good demand for rails and railway springs, and in the present week we have had a large order in the market for a continental line. There is also a great demand for armour-plates; and it is stated, on undentable authority, that at he present rate of production it will take nearly two years to complete the orders which he Admiratly have ready for plate year. Another feature of great interest is the large lucrease which is taking place in the demand for all kinds of machinery and for tools. Russia is buying largely in steam-engines, but more especially in all descriptions of agricultural implements. Agents of Russia have recently visited our sgricultural exhibitions, and have purchased from the manufacturers of approved agricultural implements to a very large amount. The demand for bars and other descriptions of iron, though not active, is gradually improving. The make of Derbyshire pig-iron is increasing. The Clay Cross Company have put in another blast, which has been out for many months. The Steel Trade is improving, but there is not so much activity in the general Cuttery Trade.

The President's message has put at rest and aside the expectations of those who anticipated the success of any mediated by forcing powers being at present accepted via a supplication of those who anticipated the success of any mediated by forcing powers being at present accepted via a supplication of money getting dearr, and any one of the cape, which the warrants in circulation are nearly 280,000 reme. studiething the activity in the furnace district the spread of the cape of the previous of the successfully dearr, and any one of the successfully believed that prices must received. It is well known that bankers

ceased men.—The inquest on the bodies of the unfortunate men whose lives were sacrised at Edmund's Main Colliery, near Barnisey, has been opened, and three witnesses examined at great length. The opinion prevails that if proper warning had been given after the first explosion all lives might have been saved. Mr. Morton, the Government Inspector, is pursuing a rigid enquiry into this melancholy affair, and great confidence is felt that he willipot allow anyone to escape, if it should be proved that neglect of any kind led to the accident.—The local stock and share markets for the week have been dail, and only a nominol business transacted.

A contract for the supply of a portion of the armour-plates for the iron frigate Achilles, 50, 1250-horse power, building at Chatham Dockyard, has been taken by Mesza. Brown and Co., of the Atlas Works, Sheffield. They have engaged to supply the plates at the rate of 451, 10s, per ton. The principal portion of these armour-plates for the Achilles some improvements will be introduced, in order to give greater strength and hardness to the iron. In the preparation of the plates hitherto supplied for our iron and iron-cased vessels a certain number have been manufactured either from rolled or harmorer liter, the "bloom" of iron when taken from the turnes is either relied into the required siab under heavy rollers, or else basten into shape under the elsem-hammer. It is intended, however, to employ both these processes in preparing the armour-plating for the Achilles, the "bloom" being first rolled into the shape of the plates hithers and the same and the same

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REPORT FROM MONMOUTH AND SOUTH WALES.

REPORT FROM MONMOUTH AND SOUTH WALES,

DEC. 18.—The confidence of the ironmasters in the future of the Iron
Trade is clearly evinced by the extension of the means of supply which
has taken place within the last few months, and by the preparations that
are going on for a still further increase in that respect. There are a number of furnaces yet out of blast, it is true, but since Midsummer the unemployed furnaces have been gradually diminishing, and there is every reason
to hope that four or five more will be put in blast about the commencement
of the year. This clearly proves that the ironmasters look forward to better times, and it is pretty evident that they are not mistaken in their views.
At present the works generally are fairly employed, with perhaps one or
two exceptions, where but few orders are in hand. During the month of
December, being the last month of the quarter, the trade is, even in the
best of times, slightly depressed, as buyers, rather than speculate, prefer
waiting until the coming quarter. The quotations for iron continue about
the same. Rails are not much enquired for, and merchant bars are only
in ordinary request. The collieries are kept going pretty regularly, and
the men are well employed. A large quantity of coal and coke is now
being taken from the Monmouthshire district to the Midland counties, in
order to be used in the manufacture of iron. The Tillery and other veins
of coal are especially well adapted for this purpose, and a large trade is
already being carried on with Staffordshire and other midland counties.
The demand for steam coal is not brisk, but there is a fair trade doing.
There is no change to report in prices.

The Pontnewydd Tinworks were offered for sale by Messrs C. Evans
and Son, at the Westgate Hotel, Newport, on Thursday last. The highest
bidding only reached 7000l., and the property was offered for sale, without reserve, by Messrs. Fuller and Horsey, at the Mart, on Tues'ay last.

and Son, at the Westgate Hotel, Newport, on Thursday last. The highest bidding only reached 7000L, and the property was bought in. The reserve price was 10,000L.

The Risca Coal and Iron Company's property was offered for sale, without reserve, by Mesers. Fuller and Horsey, at the Mart, on Tues'ay last. The property consists of the Black Vein, Rock Vein, and Sun Vein Collisires, together with a large surface estate, part of which being freehold. Since the disastrous explosion which took place at the Black Vein Colliery in Dec., 1860, the affairs of the company have been managed by the Court of Chancery, and the present sale took place by order of the Court. The property was offered for public competition on a previous cocasion, the reserve price being fixed at 69,000L, but there was no bidding, and hence the sale felt to the ground. On Tuesday there was no reserve price, and the first bidding was 25,000L, which gradually increased to 38,000L, and the auctioneer declared Mr. Rhodes, one of the directors of the old company, the purchaser as that amount.

The adjourned inquest touching the death of David Daniel was held at the Pemberton Arms, near Lianelly, on Saturday last. On Nov. 15, an explosion took place at the Genwin Colliery, and the deceased and several other persons were severely burnt. The enquiry had been adjourned until Saturday, in order that Mr. Thomas Evans, the Government Inspector, might be present. Several witnesses were examined, and they all declared that they used locked astely-lamps, and they considered that every precaution had been taken as regards the ventilation of the colliery. The jury returned a verdict that "The deceased ded from the effects of an expiceion of fire-damp at the Genwin Colliery, cause unknown."—On Monday, a lad named Sullivan met with his death at the Pentrebach Works. By some means he got entangied in the machinery, and his body was mangied to pieces. It appears that the deceased dad no business in that part of the work where he met with the accident.

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THE SCOTCH IRON TRADE.

The annual circulars which the iron merchants and metal brokers are kind enough to scatter broadcast about the New Year for our instruction, will inform us that, whilst the production of pig-iron in Scotland amounted, in 1862, to the enormous quantity of about 1,080,000 tons, the total deliveries reached only 980,000 tons, and will show the stock in makers' and liveries reached only 980,000 tons, and will show the stock in makers' and warehouse keepers' stores about 750,000 tons, including the Carron. The increase in the stock this year will, therefore, be put down at 90,000 tons to 110,000 tons. They will exhibit the cause of the late artificial rise to 57s. 6d., and the legitimate grounds for the recent gradual fall to 53s. 6d. The average price will be about 52s. 9d. per ton, against 49s. 3d. for last year, when the shipments were larger, and the stocks 100,000 tons less. Considering the increasing depression in the manufacturing districts, the malleable works, foundries, and shipbuilding yards on the Clyde are all wall employed. But so long as the production continues so greatly in excess of the legitimate demand, a considerable decline in the price is to be apprehended. It is now felt that low prices alone will bring the iron trade to its proper equilibrium, and put it on a sound basis, in obedience to the laws of supply and demand.

TENDERS FOR BRITISH IRON FOR GOVERNMENT.—The tenders for the supply of British iron to Her Majesty's dockyards were opened on Tuesday, in the presence of the Lords of the Admiralty. There was considerable competition in the iron trade for this extensive contract, judging from the large attendance of representatives of the leading firms and manufacturers of Staffordshire and London. The successful competitors were the old established firms of Moser and Sons, of Southwark and Upper Thames-street, who have held the contract for six years.

MANUFACTURE OF IRON AND STEEL.—An improved apparatus for ma-nufacturing malleable iron and steel has been patented by Mr. E. B. Wilson, of Parlia-ment-street. The apparatus is above form of Bessemer's converting vessel, in which the sir is conveyed through a throat from the bottom instead of through tuyers in the usual manner. The throat is turned up so as to form an inverted apphon, and when the iron is sufficient elerated, the vessel may be turned on the trunnious upon which it is hung, and the refined iron or steel poured into the lagot moulds, or otherwise.

STEEL.—Mr. Anderson, the assistant-superintendent of Woolwich Arsenal, has recently re-discovered a simple process by which the steel is rendered as tough as wrought-iron without losing its hardness. This change is effected in a few minutes by heating the metal and plunging it in oil, after which the steel can be bent, but scarcely broken.

EFFECT OF GALVANIC ACTION ON IRON SHIPS.—It appears that it has now been proved beyond question that the coating of iron ships with preparations of copper results in a galvanic action which entirely destroys the iron piates, by converting them into a substance much resembling plumbago. The effect of this action has become very manifest in the case of La Gloire, the whole of the plates of which will have to be removed below the water line, and in some of our own ships the action has been no less remarkable. Fortunately, however, the Admirality have now adopted a substitute, which provide the standard of the standard provided the substitute, which have the substitute of t Ministers of the Marine in Par's and Madrid the danger of using copper. ing to find that the English Admiralty has been the first to adopt an imp

ing to find that the English Admiralty has been the first to adopt an improvement.

PURIFICATION OF AIR AND WATER.—Mr. H. B. Condy, of Battersea, has recently issued a pamphlet entitled "Air and Water: their Impurities and Purification;" which is intended to explain two of the applications of "Condy's Patent Disinfecting Fluid," which has already acquired a high reputation as a sanitary preparation. Mr. Condy complains that, owing to the very limited and inadequate space allotted to him at the International Exhibition, his products have been almost entirely passed over by the reporters and critics of the periodical press, in their notices of the saveral classes of industry represented at South Kensington; and he, therefore, has printed a brief explanatory pamphlet to compensate for this disadvantage, and afford the means of forming a juster estimate of the importance, in a sanitary point of view, of preparations which, in the award of the Frize Medsi received, were designated by their scientific and not very attractive names of "Manganates and Permanganates," instead of by those of "Condy" Patent Disinfecting Fluid," "Concised Water," &c., which are now familiar to the public as important hygienic agents. A number of very flattering testimonials are appended to the pamphlet, in proof of the value of the alkaline parmanganates (Condy's fluid) for the purification of water and air, and the general requirements of naval, military, and hospital hygiene.

METALLIC SAPETY-FUEE.—The improved metallic safety-fuse invented

METALLIC SAFETY-FUSE.—The improved metallic safety-fuse invented by Messrs. Victor and Polgiase has been frequently referred to in the Mining Journal, but from the difficulty and expense, it is presumed, of the manufacture, and from certain minor defects, the new fuse has not been extensively introduced. Messrs. Victor, Polgiase, and Rounsevell now propose to cover the lead or other soft metal tube with a hard metal spiral, or with a thin coat of copper to be deposited by electricity. According to another modification of the invention/they propose to use a slip of hard metal, wider than the circumference of the intended tube; the charge is placed along the strip of metal,

olliery engineer, have given notice of their intention to proceed with their imus in the construction of colliery wagons, tubs, or corves, and in apparatus for
coated by electricity in the usual manner.

MINERS' SAFETY-CAGE.—An improved safety-cage for miners has been proposed by Mr. G. B. Goodman, of Baker-street, Portman-square. Four guide-rods are used, each of which is provided with a rack. Bolts are provided on the cage, which in case of the breakage of the rope are thrown forward into the rack, and support the cage. The chief feature in Mr. Goodman's invention appears to be that immediately the bolts are thrown forward as wedge falls, and keeps them in their place, so that the further descent of the cage is rendered impossible.

escent of the cage is rendered impossione.

Miners' Safety-Lamps.—Mr.James Maiden, Waterloo, Ashton-underyne, proposes an improved self-locking and self-extinguishing miners' safety-lamp.

The invention is applicable to the ordinary Davy jamp, the locking and extinguishing being
used by a thimble at the bottom, which turns on an eccentric, so that when the game
serewed on the lamp is locked by a catch, and when opened the light is extinguished.

THE GEOLOGICAL SOCIETY OF DUBLIN.

On Wednedday evening there was a general meeting of the society in the New Buildings, Trinity College.

The PRISIDERY (the Rev. Professor Haughton) in the chair.

The minutes of the last meeting having been confirmed the following gentlemen were proposed and admitted members of the society—Captain Meadows Taylor, Harold's-cross; Frederick H. Henry, Esq., Lodge Park, Straffair. J. S. Carter, Esq., Wallington Park, Tilworth, England Meadows Taylor, Harold's-cross; Frederick H. Henry, Esq., Lodge Park, Straffair. J. S. Carter, Esq., Wallington Park, Tilworth, England M. H. Ormaby, 16, Fisiwilliam-squared, "being a continuation of that read by him at the opening of the last season. He stated that since the date of that communication he had paid two visits to the county. The first of these was made in company with the President and Mr. Jukes, when he visited the northern part of the county, and the other in the date of that communication he had paid two visits to the county. The first of these was made in company with the President and Mr. Jukes, when he visited the northern part of the county, and the other in the examination of the island of Armanore. In addition to this he had restreat some visitable information from the L. Orfflinh, who had been investigating the natural power of the season without the county and the camination of the island of Armanore. In addition to this he had restreat some visitable information from the L. Orfflinh, who had been investigating the natural power of the season of the s

land. He would remind the meeting that his paper contained no statements as to be absolute age of the Donegal rocks. The area of that county was too small to afford sufficient district for observation. In his opinion, the battle of the questions involved must be fought in Seculand. As to the structure of the north-west of Ireland, he woild remind Mr. Jukes that along the north-west finant of the carboniferous trough to which he had alluded, Silurian beds did reappear at Pomeroy and Lisbellaw, which at the former locality were separated from the mica schists by a ridge of granite. As regard the value of the mineralogical constitution for determining the age of the Donegal rocks, he was disposed to think that the facts which he had brought forward pointed to something more than a mera excidental coincidence of the composition of the strata. This is would point out by an instance taken from the occurrence of the verde antique mable on the table. Dr. T. S. Hunt, when in Ireland, had once asked him whether they had not discovered a light-coloured serpentine lying below the dark green serpentine of Aghadwey, near Donegal, and separated from it by a considerable bickness of guides and granite. At that time Mr. Scott had only the specimens for a few days in Dublis, and had not mentioned the discovery of the marble to more than a few persons. Mr. Hunt attached great weight to the differences in chemical constitution between these two beds,—The meeting then adjourned to the second Wadnesday in January.

NORTH OF ENGLAND INSTITUTE OF MINING ENGINEERS.—A general meeting of members was held on Dec. 6, at the Neville Hall, Newcastle-upon-Tyne. In the absence of the President, Mr. John Marley was voted to the chair, and the minutes of the council read over. The Chairman drew attention to the recommendation of the council, that the institute should subscribe 40% towards the expense of fitting up, in the Museum of the Natural History Society, cases for the reception of the mineral and other specimens belonging to the institute. He saked Mr. Berkley, who was one of the sub-committee appointed to negociate with the Natural History Society, to explain this matter to the institute. Mr. Berkley

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stated that that morni the specim in cases see maining m tain their specimens readered a to the publi institute?— John Hams Society; it ally to aid represented temmends of the offi on the vot was elected papers ann INSTIT

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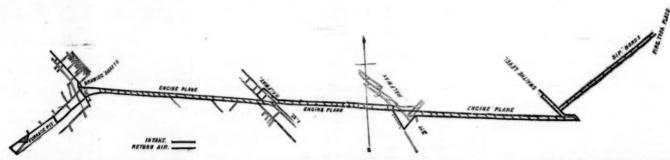
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EDMUND'S MAIN COLLIERY EXPLOSION.



An abstract of the evidence already taken before the Coroner, relative to the explosion at the Edmund's Main Colliery, on Dec. 8, is published in the Supplement of this day's Journal, and a brief reference is made to a subsequent explosion which occurred on Wednesday morning last. We have since received some additional particulars concerning the latter event, and, through the courtesy of Mr. Joseph Mitchell, the managing partner in the colliery, we are enabled to give a plan of the engine-plane and diplords, which will show where the fire took place, and render any evidence that may be given intelligible to all. Mr. Mitchell does not accompany the plan with any details, upon the ground, which all will agree is tenable, that "pending the Coroner's inquest, he thinks, the proper course is for the facts to be establish by impartial witnesses examined rather than by any statement of his, which, however truthfully and correctly given, would be open to imputations of onesidedness." The proprietors of the colliery have certainly taken pains that all necessary data shall be at the disposal of the public, and if the cause of the calamity is not thoroughly investigated, it will not be from any obstacles raised by them.

The explosion on Wednesday was unattended by loss of life, but will probably have the effect of delaying the re-opening of the colliery for some time. On Wednesday morning a consultation was held for considering whether the attempt to recover the bodies should be proceeded with. The temperature of the air in the upcast shaft was taken to guide the engineers, and the condition of the atmosphere carefully noted. It was found that the temperature was still at 55° in the upcast, and 42° in the downcast the temperature was still at 55° in the upcast, and 42° in the downcast shaft. A list of volunteers, most of whom were about the pit at the time, had been made out, and every requisite provided for descending and attempting to re-open the mine, if the engineers should so decide; but it was resolved to continue the pouring of water into the mine, and to defer any attempt to re-open it until a further consultation, to be held near week. Shortly after the consultation the wisdom of the decision became manifest; a sharp explosion occurred, driving a cloud of smoke and dust up the cupola, and shaking and breaking the downcast shaft gearing. A consultation was afterwards held, at which Mr. Morton, Messrs. Brown

taid that the sub-committee had had an interview with the Natural History Society tait morning, and ascertained that their rooms were nearly ready for the reception of the specimens. It was proposed that the "Hutton Collection" should be kept together, is ease separate from other specimens, in the gallery of the smaller room. The remaining minerals, &c., would be labelled with the initials of the institute, so as to remain their proper order with the other specimens belonging to the Natural History Society, so that both collections would be reserved available, in the best manner, to persons wishing to study them—and, in fact, to the public generally. Mr. Potter asked if the casing would be the property of the institute b—Mr. Berkley: No; it would belong to the Natural History Society.—Mr. John Ramsay understood that the institute became members of the Natural History Society; in addition to this donation of 40°,, they would be subscribers of 20°, annually to aid in the maintenance of a currator, &c.—Mr. Berkley: The institute would be represented in the council of the Natural History Society. The confirmation of the recommendation of the council was moved and carried. The meeting then proceeded to fill the office of vice-president, vacant by the death of the late Mr. W. Anderson; and as the votes being taken, Mr. Hugh Taylor, of Earsdon, Chairman of the Coal Trade, was elected. In the absence of Mr. Coulson and Mr. Greene, the discussions on the papers announced were again adjourned.

Institution of Civil Engineers.—At the annual meeting, on Tues-tey, Telford Medals were passented to Sir Charles A. Hartley, Messrs. J. H. Müller, J. Paton. J. Abernethy, and J. Bailey Denton; a Watt Medal to Mr. J. D'A. Samuda; a Stephenson Prize of 25 guineas to Sir C. A. Hartley; Miller Prizes, of 15 guineas ceh, to Messrs. J. H. Müller and J. Paton; Council Fremiums of Books to Capitain D. Galion, E.E., and Messrs. J. Brunless, H. C. Forde, C. W. Slemman, J. A. Long-rige, and J. Oldham; and the Manby Premium in Books to Sir. C. A. Hartley.

JOINT-STOCK COMPANY PROSPECTUSES.

Soin T-Stock Company PROSPECTUSES.

To the following copies of notes, remaining without written replies, famish another instance of the unlimited confidence on the part of the public demanded by the directors of companies under "limited liability":—

Su,—In your prospectus it is stated that the price of the estates purchased by the directors will be payable to the sellers nearly three-fourths in shares, but no mention is make of the aggregate amount. Will you obligingly state what that sum is?

H. S. Ransom, Esq., Sec. of the Plantation Company of Western

J. LEE STRUENS.

Hindustan (Limited), 33, Combilia.

30, Cannon-street, 2000. O.

H. S. Rayson, Esq.,—I do not understand the verbal answer sent by the boy who divered my letter to you on Saturday, and to which I request the favour of a written ply. Surely there can be no reason for concealing the amount to be paid by a Jointest company for property constituting the basis upon which its capital is sought to be absorbed.

J. LEE TRYENDS.

In non-reply is also indicated the overweening conceit of official position and dignity, to the elimination of ordinary courtesy, on the part of a scretary.

In non-reply is also indicated the overweening conceit of official position sed dignity, to the elimination of ordinary courtesy, on the part of a secretary.

Relative to another undertaking I wrote as follows yesterday:—

**Relative to another undertaking I wrote as follows yesterday:—

**Sir,—My opinion is asked upon the bona **Me character of your undertaking, by prosble applicants for shares, and shall be glad to receive replies to the following queries by guide me thereon:—

1. In the third paragraph of the prospectus the coal is described as "highly bituminass;" the Imperial Royal Bergverwalter—Franz Rath, calls it "stone coal." formerly is common name for anthractic, or non-bituminous coal, in this country; and Mr. John hown reports that "the coal (yours) is of an ordinary hard (and) somewhat coarse being;" &c. Which of the three descriptions is correct?

2. The thickness of the 14 seams is dissimilarly given in the fourth paragraph of the mappetus, and in the respective reports signed Franz Rath and John Brown. No two set of the three being allike, which of them should be accepted?

2. Will the property, for which it is proposed to give 35,0001., include the roads, railway, horse tram, &c., described (colliery cond), and il together) as having cost 100,0001.

3. Will the proposed capital of 60,0001. suffice to work such an extensive colliery, provision being made for the purchase—38,0001, the incidental expenses of establishing the mysary, and the further outlay of 20,0001. estimated to be necessary by Mr. Brown? Inc. Henry James, Sec. of the Vistula Colliery Company (Limited).

Shortly after his receipt of my letter, Mr. James favoured me with a call, offering to give me, orally, the information desired; but, agreeably with my wish, he promised to send me, without delay, a written reply; and, as no such communication has reached me, I leave him to respond through the medium of your columns. I am not, nor are my private fixeds, entitled to any exclasive knowledge upon a subject essentially intention of

DRIVING BANDS.—Mechanicians have for years past been strenuously using their talents to perfect driving bands for machinery which should possess some dies many requirements for the purposes to which they are applied. To embody all its desiderata was, even with the anaguine, almost too much to expect. But this has ally been done, and placed beyond a doubt, by Messrs. Spill and Co. We understand at the official tests have been of the most trying character, and the success equally compile. Those interested can, however, examine for themselves these flexible and Powerlai bands at the works at Hackney Wick, where the whole of the extensive madiary is driven by them.

MONSTER WIRE-ROPE.—On Saturday last, a wire-rope, measuring the state of the manufactory of Measrs. Sam, Ellott, and Co., West Bute Docks, Cardiff. This enormous length of rope was alw coiled up in six wagons, belonging to the Rhymney Railway Company, on whose last was forwarded to Hereford, thence to Liverpool, to be used at the Victoria Tunnel disk London and North-Western Railway Company.—Merthyr Guardian.

FRIGHTFUL DEATH IN A COAL MINE.—A shocking accident occurred the Cinder Hill Colliery, near Nottingham. It was the duty of a youth, named G. dr, to couple the wagons together which carry the coal on a transway to the bottom of sheaft. By some means or other he became entangled with the wagons, and, the mass suddenly starting off, he was carried along at considerable speed, and dashed with participations and the starting off, he was carried along at considerable speed, and dashed with with mangled, and one of his legs broken. Death must have been instantaneous.

A Coultway on France Plants was a weak and it was discovered.

any mangled, and one of his legs broken. Death must have been instantaneous. A Colliery on Fire.—Rather more than a week ago it was discovered hit the coal at the bottom of the furnace shaft of the Victoria Colliery (Stanler) had sall gaited by the heat of the furnace. The colliery is the property of Messra. R. Hudward Co., and there are four shafts connected with each other. After efforts had been called a subject of the effect of the shafts for a few yards from the shafts for a few yards from the sham. This step was decided upon after consultation with Mr. Holt, mining engineer, which were shart of the shafts for a few yards from the shaft. The first it is supposed, is still burning, and it will be some months before the entry called the reopened. The closing of the works will entail a very heavy loss on the wars.—Leeds Mercury.

HOLLOWAY'S PILLS-EARLY MEANS.-No part of the human machine OLLOWAY'S PILLS—EARLY MEANS.—No part of the human machine in nore watching than the nervous system—upon it hangs health and life itself.

3 pills are the best regulators and strengtheners of the nerves, and the safest general lers. Nausea, headache, giddiness, numbness, and reental apathy yield to them. dispatch in a summary manner those distressing dyspeptic symptoms, stomachie as at the pit of the stomach, abdominal distension, and overcome both capticlous like and confined bowels—the commonly accompanying signs of defective or deranged has power. Holloway's Pills are particularly recommended to persons of studious establishments, who gradually sink into a nervous and debilitated state unless some a live such as his pills be occasionally applied.

Lancashire Relief Fund.—We have received from Mr. H. E. Croker, of Plymouth, 12. 3s. 9d., which was subscribed by the miners at Redmoor (10s. 3d.), and Wheal Crebor (13s. 6d.), in aid of the distress in Lancashire. The amount has been paid to the Lord Mayor at the Mansion House.

Hydrogen Gas.—Mr. Christopher Binks, Parliament-street, proposes to obtain hydrogen gas by the decomposition of steam, such steam being passed through wood, charcoal, coal, or coke. It has hitherto been usual to heat the wood, charcoal, coal, or coke, and then pass the steam at the ordinary temperature through them, but as an improvement upon this, Mr. Binks propose to superheat the steam, and keep it at a high temperature while it is passed through the wood, charcoal, coal, or coke, at an ordinary temperature, the result being that the hydrogen is more cheapily and readily produced.

SALE OF MINE SHARES.—On Thursday, Mr. T. P. Thomas sold by public auction, at Garraway's, the following property:—50 North Laxey, at 7s. 6d.; 35 East Rosewarne, 35s.; 61 Wheat Unity (forfeited for non-payment of calls), 10s. 6d.; 705 ditto (forfeited), 10s.; 39 ditto (forfeited), 9s. 9d.; 216 ditto (forfeited), 9s. 6d.; 63 ditto, 5s.; 10 Wheat Norris, 29s.; 70 ditto, 26s.; 10 Rosewarne Consols, 3l.; 10 ditto, 2l. 16s. 6d.

THAMES TUNNEL COMPANY.—Receipts for the week ending Dec. 13, 31. 18s. 4d.; number of passengers, 17,740.

LONDON GENERAL OMNIBUS COMPANY.—The traffic receipts for the week ending December 14 was 11,2001. 9s. 4d.

THE LAW OF MINES.—The new work on the Law of Mines, by Mr. Whitton Arundell, is the only cheap book in which the entire subject is completely and ably handled, and no work can be more profitably studied, after the company is formed, than this. The law of mines is in this work treated quite irrespective of the law of mining companies, which are entirely governed by the new Joint Stock Companies Act of 1862. Mr. Arundell's work will be forwarded from our office on receipt of a Post-office order for 4s. office order for 4s.

"Cornish Notes."—The first edition of the "Notes made during a recent Tour in Cornwall and Devon," by Mr. J. Y. Watson, F.G.S., have ing been sold, a second edition, revised by the Author, has been printed and copies, is. each, can be liad of Messix. Weston and Cuell, St. Michael's alley, Cornhill, or at the Mining Journal office, 26, Fleet-street, London.

MICKEL AND COBALT REFINING, AND GERMAN SILVER WORKS, 16, OOZELL STREET NORTH, BIRMINGHAM.

STEPHEN BARKER begs to inform the Trade that he has the following articles

of sale:—
REFINED METALLIC NICKEL. | OXIDE OF COBALT. [WIRE, &c., REFINED METALLIC BISMUTH. | GERMAN SILVER—IN INGOTS, SHEET
NICKEL AND COBALT ORES PURCHASED.

THE WEST OF ENGLAND COLLIERY AND IRON
MINING COMPANY (LIMITED).

Capital £60,000, in 10,000 shares of £5 each, with power to increase to £100,000.
£1 per share payable on application, and a further sum of £1 per share on allotment.

No further call to be made for six months.

Bankers—Meser. Willyams, and Co., Camborne.

Security of the company has been incorporated for the purpose of purchasing, or leasing and works. This company has been incorporated for the purpose of purchasing, or leasing and works. The company has been incorporated for the purpose of purchasing, or leasing and works. The company has been incorporated for the purpose of purchasing, or leasing and works. The company has been incorporated for the purpose of purchasing, or leasing and works. The company has been incorporated for the purpose of the company and their respective proportion.

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This speech House IIII Works are six mains from the shipping proft of Lydney, and that plans are company and their respective proportion of the Royal Royal of the Royal Royal

it will require a period of 45 years to exhaust this quantity, provided the daily produce is 300 tons.

The Speech House Hill Works are theroughly drained, by means of a steam-engine and an effective set of pumps, which throw the water into an adit level driven into the pits from the adjoining valley; this not only drains the land or rise workings, but also renders unnecessary the forcing of the water from the deep workings to the surface, insamuch as the adit receives it about 50 yards below the top of the pits.

The Catch Can Colliery is drained by the Parkend Works on the dip side, and by the Standfast on the land, or rise, side.

The undertakings of this company differ altogether from the greater number for which companies are incorporated, as in most instances shareholders have to subscribe their capital for the purpose of sinking shafts, and that upon unproved coal, but in this case three shafts have been sunk, the coal thoroughly proved, water level driven into the workings, engine and pumps have been erected, and the whole is now open for inspection. The company has secured these collieries upon very advantageous terms, the vendor having agreed to receive one-third the amount of the purchase money of plant, machinery, onling stock, dec, at present on the works, and that of the two extra enginesviz., one 30 horse power and one 60 horse power—boilers, machinery, and buildings before spoken of, which he undertakes to erect in six months from the date of lease, viz., one 30 horse or the company. The other portion to be paid by instalments in cash, ranging over a period of nine months. £10,000 is the total amount of purchase money, to be paid thus:—£3000 upon signature of leases, £3000 in three months afterwards, £1668 at the expisation of nine months from date of lease, and the remaining £3334 in paid-up shares.

India Office.

DY ORDER OF THE SECRETARY OF STATE FOR INDIA
IN COUNCIL, notice is hereby given that the DIRECTOR-GENERAL OF
STORES FOR INDIA will be READY, on or before MONDAY, the 22d instant,
to RECEIVE PROPOSALS in writing, senied up, from such persons as may be willing
to SUPPLY.
And that the conditions of the said contract may be had on application at the India
Store Office, Cannon-row, Weatminster, where the proposals are to be left any time before Two o'clock F.M. of the said 22d day of December, 1862, after which hour no tender
will be received.

GERALD C. TALBOT, Director-General.

HEMATITE IRON ORE.—WANTED, a PURCHASER for a PARTY to JOIN, on liberal terms, in WORKING the same. Dues, 6d. per ton only.—Apply to "J. R.," Post-office, St. Austell, Cornwall, of whom particulars and samples may be had.

NOTICE.—ANY PERSON HAVING ANY CLAIM on the ADVENTURERS of TREHILL MINE, FORMERLY KNOWN as GREAT SHEBA MINE, situate in the parish of STOKE CLIMSLAND, in the county of CORNWALL, are REQUESTED to SEND the SAME FORTHWITH to Captain H. RICKARD, on the mine.—Dated December 17, 1862.

NOTICE.

REAT WHEAL ALFRED.—The Committee beg to inform the shareholders that the greater portion of the machinery and materials has been sold, payments for which are in course of collection. The committee intend to convene a GENERAL MEETING of the shareholders at the end of JANUARY NEXT, when the accounts will be laid before them. Every information will be given to the shareholders on application at the office.

5. Bank Chambers, Lotthury, E.C., December 18, 1862.

COMEN, Sec.

STRATHALBYN MINING AND SMELTING COMPANY (LIMITED).—Notice is hereby given, that the OFFICE of the above company will be REMOYED from 18, Finch-lane, Cornbill, London, to 6T. MICHAEL'S HOUSE, ST. MICHAEL'S ALLEY, CORNHILL, LONDON, on the 25th inst.

2EHU HITCHINS, Sec.

CARYSFORT MINING COMPANY (LIMITED).—Notice is hereby given, that the ORDINARY HALF-YEARLY MEETING of the Carysfort Mining Company (Limited) will be HELD on MONDAY, the 6th day of January, 1463, at the hour of Twelve o'clock noon, at their office, No. 65, Dame-street, Dublin, for the purpose of submitting the directors' report, and statement of accounts, for the half-year ending the 51st October last; and to: the transaction of the other ordinary business of the company.

By order,

W. R. FAYLE, Sec. 65, Dame-street, Dublin, December 18, 1862.

me-street, Dublin, December 18, 1862.

H E L C U R T I S.

Held on lease for 21 years, at 1-18th dues.
In 1024 shares. On the "Cost-Rook Principle."

Deposit, £1 per share.
All further calls to be made by the shareholders.

Maxager.—Capt. Henry Skewis, Camborne.
Punser.—Mr. Henry skewis, Camborne.
Punser.—Mr. Henry skewis, Camborne.
Bankras.—Measrs. Unam and Son, Scorier, St. Day.
Bankras.—Measrs. Willyams, and Co., Camborne.
Secretary.—Mr. J. E. Square, 196, Gresham-house, London, E.C.

ACCIDENTS ARE UNAVOIDABLE!

Every one should therefore provide against them.

THE RAILWAY FASSENGERS ASSURANCE COMPANY
Grant Policies for Sums from 2100 to 21000, Assuring against

ACCIDENTS OF ALL KINDS.

An annual payment of £5 secures £1000 in case of DEATH by ACCIDENT, or a

weekly allowance of £6 to the assured while laid up by injury.

Apply for forms of proposal, or any information, to the Provincial Agents, the Booking

Clerks at the Railway Stations,

£102,817 have been paid by this company as Compensation for 56 fatal Cases, and

5041 Cases of personal injury.

The SOLE COMPANY privileged to issue RAILWAY JOURNEY INSURANCE

TICKETS, costing 1d., 2d., or 3d., at all the Principal Stations.

Empowered by Special Act of Parliament, 1899.

64, Cornhill, E.C.

MILLIAM J. VIAN, Sec.

NEW HANDBOOK FOR MINERS AND MINE ADVENTURERS.

MANUAL FOR EXPLORERS.

ANUAL FOR EXPLORERS.

Metallic Ores.

Mining Engineers, of Montreal, Canada.

This manual contains sufficient information to enable the student to distinguish the several metals, and to make a rough analysis, either by the blow-pipe test or by the wet way.

London: Missing Journal office, 26, Fleet-street, E.C.

THE GREENLAND COMPANY (LIMITED).

by His Majesty the King of Denmark.

Capital £100,000, in 20,000 shares of £5 each. Sir WALTER CALVERLEY TREVELYAN, Bart., Wallington, Newcastle-on-Tyn (Chairman of the Wansbook Railway).

Special charters having been granted by the Danish Government conferring an exclusive monopoly of trade in furs, skins, oils, &c., along the whole of the east coast of Greenland, and also for working mines of copper, tin, tead, &c., on the west coast, this company will, under the provisions of these grants, carry on a trade similar to that of the Hudson's Bay Company in North America.

The trade of the west coast has been carried on for many years by the Danish Government, and according to the return of Dr. Rink, inspector of Greenland trade, the value of the produce annually imported into Copenhagen is in round numbers \$500,000; and the trade is prosecuted more for the purpose of civilizing the natives than for profit, the returns, according to the same authority, average 34 per cent. per annum on the capital employed.

employed.

Detailed prospectuses can be obtained of Messrs. Cavell and Strachan, stock an sharebrokers, 20, Cornhill: and of the secretary, at the office of the company, 38, Broad street-buildings, London.

TREGURTHA DOWNS AND OWEN VEAN CONSOLS

MINING COMPANY (LIMITED).

ST. HILARY AND PERRANUTHNOE, CORNWALL.
Capital, 40,000, in 16,000 shares, of £2 10s. each.
Deposit, 5s. per share on application, and 15s. on aliotment.
BANKERS.

Union Bank of London, Princes-street.
Messrs, Vivian, Grylis, Kendali, and Co. Heiston,
Messrs, Dolitho, Sons, and Co., Penzance.

H. Grylls Hill, Esq., 17, Barge-yard Chambers, London.
Mesars. Grylls, Hill, and Hill, Helston.
LONDON MANAGERS—Mesars. Dunsford and Rauken, 9, Broad-street-buildings.

These mines are in a district in Cornwall, which has yielded copper and tin worth from £8,000,000 to £10,000,000 sterring.

The reports are unusually numerous and favourable, and by miners of the highest re-

putation.

Detailed prospectuses, with maps, plans, reports, forms of application, and all information may be obtained of Mesars. Dunsford and Ranken, No. 9, Broad-street-buildings and will be forwarded by post on application.

THE GREAT LAXEY MINING COMPANY (LIMITED),

Capital, £60,000, in 15,000 shares of £4 each.
Present issue, 2509 shares.
£1 per share to be paid on application, £1 on allotment, and £2 at three months from the date of allotment.

the date of allotment.

DIRECTORS.

GEORGE W. DUMBELL ESQ., Beimont, Isle of Man.
WILLIAM BECKWITH, ESq., Harroft, Isle of Man.
ROBERT COCHRANE, Esq., Douglas, Isle of Man.
THOMAS D. PRICE, Esq., 8, Union-terrace, Queen's-road, Peckham.
WILLIAM TUXFORD, Esq., 106, Upper Thamnes-street.

MANAGER—Capt. Richard Rowe.

BANKERS.
Messrs. Glyn, Mills, and Co., London.
Messrs. Glyn, Mills, and Co., London.
This company has for its object to bring under the Limited Liability Acts the company which has hitherto worked the celebrated Laxey Mines, in the Isle of Man, and ise to raise additional capital to further develope certain portions of this rich and valuable sett.

aiso to raise additional capital to further develope certain portions of this rich and valuable sett.

These mines have been in operation for about 40 years, and under the present management atone have paid in dividends £1420 on each £100 share, besides expending from £40,000 to £50,000 in plant and machinery.

As at present worked they are yielding a profit of from £500 to £500 per month. The new capital to be raised is for the purpose of developing a lode at Snae-feil, in the same sett, and will participate in the profits from the whole mines.

The Laxey Mining Company (Limited) offers a certain dividend of 12 to 15 per cent., shortly to be considerably increased from resources aiready developed, whilst at the same time it offers a reasonable expectation of an early paying mine at Snae-feil, respecting which lode Prof. Warington smyth, the Government Inspector of the Crown Mines, remarks:—"The character of the lode is so bold, and that of the ore so massive and strong, that I could give a very good character of it as a speculation."

Detailed prospectuses, and forms of application, may be had on application to the secretary, Mr. Thos. ThoMrson, at the company's offices, 12, Old Jewry Chambers, London, &.C.

THE GREAT DEVON AND BEDFORD (COLCHARTON)

COPPER MINING COMPANY (LIMITED),

TAVISTOCK, DEVON.

Incorporated pursuant to the Companies Act, 1862.

Capital £25,000, in 10,000 shares of £2 10s. each.

Deposit, 10s. per share on application, and £1 on allotment.

Differtons.

HENRY ARUNDEL MARTYN FARRANT, £40, Norfolk-buildings, Bath.

EVAN HARE, £50, 1, Mitre-court, Temple.

JOHN INGLEDEW, £80, Crowland Houss, Islington.

JOHN LUNTLEY, £40, 42, Bishopsgate-street Without.

JOHN MARTIN, £50, Enfeld-road, Hackney.

Solicitons—Messrs. Hare and Whitfield, 1, Mitre-court, Temple.

Bankers—The City Bank, Threadneedle-street.

Brokers—Septimus Parrott, £40, 1, Crown-court, Threadneedle-street.

Securetant (pro tem.)

1, WINCHESTER BITLLINGS, JULD BROAD STREET, CITY, E.C.

The object of this company is to purchase the freehold estate of Colcharton, and to de-

The object of this company is to purchase the freehold estate of Colcharton, and to develop its mineral wealth. The estate is surrounded by productive mines, being bounded on nearly three sides by the Devon Great Consols sett, and on the remaining portion by the Bedford United and Wheal Crebor. Four main lodes of the above mines pass through the estate, intersected by a cross-course and caunter lode. It consists of 67 acres of weil cultivated land, with homestead, &c., and the purchase will be effected for £10,000 in cash and £5000 in shares, leaving £10,000 for working capital. The quays on the Tamar being only 2½ miles distant, offer great facilities for carriage. Large profits may reasonably be anticipated from land so rich in minerals, considering the entire exemption of this company from the usual royalties, and that the adjoining Devon Great Consols returns £80 in yearly dividends on each £1 share, after paying royalties. Favourable reports have been obtained from the best authorities. The following is from the manager of the Devon Great Consols:—

Decon Great Consols:—

Decon Great Consols:—

Decon Great Consols Mine. Oct. 21, 1862.—At your request They arreversed the Col.

of the Devon Great Consols:—

Devon Great Consols Mine, Oct. 21, 1862.—At your request, I have surveyed the Coleharton mining sett, in the parish of Tavistock. This property is situate in the immediate neighbourhood of the most productive mines of the Tavistock district, and the geological features are precisely similar. It is bounded on the north, east, and west by the southern portion of the Devon Great Consols, and south by Wheal Crebor; and comprises within its limits the Devon Great Consols Wheal Thomas Iode, and the Tavistock, as well as the main lode of the Bedford United Mines. It is also traversed by the Wheal Crebor conso-course; and being in the midds of the good mines above mentioned there is every probability of its proving a successful speculation.

JAMES RICHARDS.

Many other reports, with prospectuses and forms of applications for shares, made the office of the company, and of the broker.

The LIST of APPLICATIONS for SHARES will CLOSE in a FEW DAYS.

THE ROARING WATER MINING COMPANY (LIMITED). ted pursuant to the Joint Stock Companies Acts, li Capital, £18,000, in 6000 shares of £3 each. to be paid on application, and 10s. on allotment. DIRECTRONS.

Sir JAMES DOMBRAIN, Monkstown, and 20, Molesworth-street, Dublin.
Colonel BUSH, 55, York-terrace, Regent's Park (Director of the Oriental Inland Steam
Navigation Company).
CHARLEST, HAWKINS, Esq., 12, Broad-street, Oxford (Director of the St. Just Mines)
WILLIAM OGILVIE, Esq., Cushion-court, Old Broad-street (Director of the St. Just Mines).

Mines).
Captain PAUL, Queen's-road, Bayswater (late of the Knockmahon Mines).
H. CHURCHILL, Esq., Deddington, Oxfordshire (Director of the Strand Hotel Comp.
BANKERS—London and County Bank, Lombard-street.

Messrs. Meyrick and Gedge, 4, Storey's Gate, Great George-street, Westr Diffors—Messrs. Cooper Brothers, public accountants, George-street, Mans

as—Mosra. Cooper Brothers, public accountants, George-street, Mansion Messra. Webb and Geach, 8, Finch-lane, Threadneodie-street, London. Messra. J. and J. Stephens and Son, 44, Dane-street, Dublin. Robert M'Ewen, Eq., Dacis-buildings, Bank-street, Manchester. Managem—Mr. Thomas Cooper Smith.

FFICES—5, WARNFORD COURT, THROGMORTON STREET, CIT

The object of this company is to work the copper mines of Roaring Water, situated in the county of Cork, a district well known among mineralogists as being rich in mineral deposits. The sets extends over 1½ mile in length, and ½ of a mile in breacth, and is held for a term of 31 years from July last, at a royalty of 1-18th, with a clause for renewal, on payment of a comparatively small fine at the end of that period, for the same term.

newal, on payment of a comparatively small fine at the end of that period, for the same term.

The promising character of the mines proposed to be worked by the present company fully warrants the expectation that early returns will be realised; there are 19 well-defined lodes upon the sett, composed principally of yellow and peacock copper ores, rich specimens of malachter, friable quarts, and gesson of the finest description, from which many tons of rich ore have been taken, which on assay have been found to contain a large proportion of silver, and strong traces of gold. These todes beyond all doubt are a continuation of the rich veins of copper now working with such great promise and success at the Schull Bay, Cappagh, and Bailycummink fines, all of which there can be no reasonable doubt are a continuation of the Berehaven lodes, which have returned enormous profits.

able doubt are a continuation of the Hereneven moses, which have reached profits.

The several reports are from usen of long practical experience, their testimony as to the highly-promising character of the property, and the great local advantages by which it is surrounded will be read with interest, and leave nothing to be urged by the directors, except an assurance of their strong confidence as to its value, and that this property will bear comparison with any of the rich mines opened in the district. A large portion of the capital has been subscribed.

Applications for shares to be made to the bankers, directors, solicitors, brokers, and the manager, at the office of the company, where prospectuses and forms of application may be obtained; also reports on the mines from Capit. Harmy Thomas; Capt. Paur., late of the Knockmahon Mines; Capt. Carring, of the St. Just Mines; Capt. Marring Boerny, of Dublin; and Capt, James Hosking, late of the South Cork Mines.

In the Court of the Vice-Warden of the Stannaries

IN the MATTER of the COMPANIES ACT, 1862, and of the WHEAL HENRY MINING COMPANY:—Notice is hereby given, that ALL CREDITORS of the ABOVE-NAMED COMPANY are REQUIRED, on or before the 3d day of January next, to SEND in their NAMES and ADDRESSES, and the AMOUNTS and PARTICULARS of their SEVERAL CLAIMS on the said company, to William Michell, Eaq. the Registrar of the said Court, at his office, Truro. Dated this 17th day of December, 1862.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

N the MATTER of the COMPANIES ACT, 1862, and of the WHEAL EMILY MINING COMPANY.—The Registrar of this Court has appointed the 16th day of January, 1863, at the Registrar's office, at True, to SETTLE the LIST of CONTRIBUTORIES of the ABOVE COMPANY, now made out and deposited at the said office. WILLIAM MICHELL, Registrar of the said Court. Dated this 17th day of December, 1862.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the TREFULACK UNITED MINING COMPANY.—The Registrar of this Court has appointed the 16th day of January, 1863, at the Registrar's office, at Truce, to SETTLE the LIST of COMPANY, now made out and deposited at the said office. WILLIAM MICHELL, Registrar of the said Court. Dated this 17th day of December, 1862.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the SOUTH WHEAL KITTY MINING COMPANY.—The Registrar of this Court has appointed the 16th day of January, 1863, at the Registrar's office, at Truro, to SETILE the LIST of CONTRIBUTORIES of the ABOVE COMPANY, now made out and devented at the and office. nut and deposited at the said office.
WILLIAM MICHELL, Registrar of the said Court.
Dated this 17th day of December, 1862.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

N the MATTER of the COMPANIES ACT, 1862, and of the No. 1 Tell of the COMPANIES ACT, 1862, and of the WHEAL FURSDON MINING COMPANY.—The Segistrar of this Court has appointed the left day of January, 1863, at the Registrar's office, at Truro, to SETTLE the LIST of CONTRIBUTORIES of the ABOVE COMPANY, now made out and deposited at the said office.

WILLIAM MICHELL, Registrar of the said Court.

Dated this 17th day of December, 1862.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the WHEAL HENRY MINING COMPANY.—TO BE SOLD, under the direction of the Registrar of this Court, BY PUBLIC AUCTION, at Wheal Henry Mine, in the parish of Kenwyn, within the Stannaries, on Tuesday, the 30th day of December inst. at Eleven o'clock in the forenoon, the undermentioned MINING MACHINERY and MATRIELIALS, viz.—

MATERIALS, viz. —
ONE ENGINE, 26 in. cylinder, with fly-wheel, spur and crown wheels, BOILER
Stons; 100 fms. of 5 in. wood rods, with pulleys and stands; 50 fms. of 7 in. pumps,
2 balance bobs, 2 plunger poles, with stuffing boxes and glands to match; capstan, shears,
horse whim and shaft tackle, 70 fms. of whim rope, 80 fms. of ladders, tram wagon, 26 in.
If picces, 3 c in. windbores, 3 6 in. deorpieces, 2 top deorpieces, 2 whim kibbles, 2 shears,
blacksmiths' shop, beliows, anvil, 2 beams, a quantity of old from and rope, countinghouse furniture, including a dining table, mahogany sideboard, 14 chairs, cooking apparatus, and a variety of other MATERIALS and EFFECTS in general use in mines.

H. S. STOKES, Solicitor, Traro
(Agent for Frederick Hill, solicitor, Helston).
Dated this 17th day of December, 1862.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

N the MATTER of the COMPANIES ACT, 1862, and of the A WHEAL NELSON MINING COMPANY.—Notice is hereby given, that a PETITION for WINDING-UP the ABOVE-NAMED COMPANY by the Court was, on the 12th day of December inst, presented to the Vice-Warden of the Stannaries by William Northen, a contributory of the said company, and that the said petition is directed to be heard before the Vice-Warden, at the office of Winslow Jone, Eq., solicitor, Cathedrai-yard, Exeter, on the Sist day of December inst., at One o'clock in the alternoon.

aiternoon.

Any contributory or creditor of the said company may appear at the hearing and oppose the same, provided he has given at least two clear days notice to the petitioner, his solicitor, or agents, of his intention to do so, such notice to be forthwith forwarded to the secretary of the Vice-Warden, P. P. Smith, Faq., Truno, Cornwali. Every such contributory or creditor is entitled to a copy of the petition and affidavit verifying the same, from the petitioner or his solicitor, within 24 hours after requiring the same, on payment of the regulated charge per folio.

Affidavits intended to be used at the hearing, in opposition to the petition, must be filed at the Registrar's Office, Truno, on or before Saturday, the 27th December inst., and notice thereof must at the same time be given to the petitioner, his solicitor, or agents. HENRY SEWELL STOKES, Truno, Cornwali (Scheiner for the costs) putclindfor.

J. E. AND FOX, 40, Finsbury-circus, London (Agents of the said solicitor).

Dated Registrar's Office, Truno, December 13, 1862.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

the MATTER of the COMPANIES ACT, 1862, and of the IN the MATTER of the COMPANIES ACT, 1862, and of the WHEAL SICILY MINING COMPANY.—Notice is hereby given, that a PETITION for the WINDING-UP of the ABOVE COMPANY by the Court was, on the 12th day of December, 1862, presented to the Vice-Warden of the Stannaries by Edward Cooke, William Palmer, Benjamin Helps Starey, and William Palmer the younger, creditors of the said company, and that the said petition is directed to be heard before the Vice-Warden, at the office of Winslow Jones, Eag., solicitor, Cathedral-yard, Exeter, on Wednesday, the 31st day of December inst., at One o'clock in the afternoon. Any contributory or creditor of the company may appear at the hearing and oppose the same, provided he has given at least two clear days notice to the petitioners, their solicitors, or agenta, of their intention to do so, such notice to be forthwith forwarded to the secretary of the Vice-Warden, P. P. Smith, Eag., Truno, Cornwall. Every such centributory or creditor is entitled to a copp of the petition and affidavita verifying the same, from the petitioners or their solicitors, within 24 hours after requiring the same, on payment of the regulated charge per folio.

Affidavits intended to be used at the hearing, in opposition to the said petition, must

entributory or creature is a small relations, within 24 nours and a small relationers or their solicitors, within 24 nours and a small relation in payment of the regulated charge per folio.

Affidavits intended to be used at the hearing, in opposition to the said petition, must be filed at the Registrar's Office, Truro, on or before Saturday, the 27th day of December ust., and notice thereof must at the same time be given to the petitioners, their solicitors, or agents.

(Solicitors for the petitioners).

(GREGORY AND CO., 1, Bedford-row, London (Agents of the said solicitors).

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the N the MATTER of the COMPANIES ACI, 1862, and of the BUDNICK CONSOLS MINING COMPANY.—Notice is hereby given, that a PETITION for the WINDING-UP of the ABOVE-NAMED COMPANY by the Court was, on the 12th day of December, 1862, presented to the Vice-Warden of the Stannaries by George Stoughton Arnali and Thomas Hamilton, contributories of the said company, and that the said petition is directed to be heard before the Vice-Warden, at the office of Winslow Jones, Esq., solicitor, Cathedral-yard, Exeter, on Wednesday, the 31st day of December inst., at One o'clock in the afternoon.

of Winslow Jones, Esq., solicitor, Cathedral-yard, Exeter, on Wednesday, and of December inst., at One Octock in the afternoon.

Any contributory or creditor of the company may appear at the hearing and oppose the same, provided he has given at least two clear days' notice to the petitioners, their solicitors, or agents, of their intention to do so, such notice to be forthwith forwarded to the secretary of the Vice-Warden, P. P. Smith. Esq., Truro, Cornwail. Every such contributory or creditor is entitled to a copy of the petition, and affidavits verifying the same, from the petitioners or their solicitors, within 24 hours after requiring the same on payment of the regulated charge per folio.

Affidavits intended to be used at the hearing, in opposition to the said petition, must be field at the Registrar's Office, Truro, on or before Saturday, the 27th day of December inst., and notice thereof must at the same time be given to the potitioners, their solicitors, or agents,

HODGE, HOCKIN, AND MARBACK, of Truro
(Solicitors for the petitioners).

(Solicitors for the petitioners).
GREGORY AND CO., 1, Bedford-row,
(Agents of the said solicitors).

Dated Truro, December 13, 1862.

MATTHEW BARTON, IRON AND STEEL MERCHANT,

MATTHEW BARTON, IRON AND STEEL MERCHANT, having purchased by private treaty a large quantity of COLLIERY and OTHER FLANT, almost of every description, has ON SALE:—

TWO 30 horse power BEAM ENGINES, with or without boilers.
ONE 25 horse ditto ditto ditto ditto TWO 12 horse ditto ditto ditto ditto TWO 12 horse ditto ditto ditto ditto two 12 horse ditto ditto ditto ditto two 14 horse power ditto ditto ditto ditto two 15 horse ditto ditto ditto ditto frive 3 horse power VERTICAL ENGINES, with or without boilers.
Several other SECOND-HAND BOILERS ON SALE. An immense stock of pump trees, with clack and bucket pieces, 6 in. to 15 in. hore; brass and iron working barrels, all sizes, 4 harge ram pumps; 3 double pumping cranks, wardous; 5 single ditto; 7 L legs, various; sundry knock-off joints, silde rods, and fork ends, with wing plates; 3 drams, with wrought arms, lag'd for wire-ropes; 14 head gear palleys, various sizes, 1 wagon ditto, 14 tons; a large quantity of wrought-iron (second-hand), pit and railway rails; about 10 tons of shants and crossings; several large second-hand wagon shape boilers, saliable for tanks or cisterns; 4 lifting lack, 4 to 10 tons; 1 to lift or puil, 30 tons; 4 pile drivers; 30 dobbin carts; large and small 3 and 4 sheaved blocks; 1 strong hydranile press. All on sale very cheap.

Wigan; December 9, 1849.

BAILWAY PLANT FOR SALE, BY AUCTION, at WHITROPE and SHANKEYD on the BORDER UNION RAILWAY, ROXBURGHSHIRE, On MONDAY, TUESDAY, and WEDNESDAY, January 5th, 6th, and 7th, 1863.

Mr. Rerson having completed his contract upon the Border Union section of the North Mr. RTHON having completed his contract upon the Border Union section of the Merch
British Railway,

M. R. GEORGE HARDCASTLE is instructed to SELL,
Malieable iron skips, gin drums, buts and hat scandling, hardwood contres, hemp and
wire ropes, GWYNNE'S CENTRIFUGAL 6 in. PUMP, CONTRACTORS' RAILS,
scrap meral, TWO PORTABLE ENGINES, with 8 and 9 in. cylinders, by Hornsby and
Son; TWO HORIZONTAL ENGINES, with 12½ and 18½ in. cylinders; blues sets
of friction gear, CORNISH and OTHER BOILERS, MORTAR MILLS, sets of 7½ 5;
and 12 in. pumps, fan blasts, large and small weighing machines, beams and scale
leable fron blocks, HYDRAULIC PRESS, acrew jacks, new malls, circular save, Eight
FLAT-BOTTOMED STONE BOGIES, FORTY "PEDESTAL" EARTH WAGONS,
THIRTY-SEVEN "BOLLER" EARTH WAGONS, EIGHTEEN "FIDDLESTICK"
EARTH WAGONS, SIXTEEN "JOINT EARTH WAGONS, and numerous mises,
lancous articles of value.

THIRTY-SEVEN "ROLLER" EARTH WAGONS, EIGHTEEN "FIDDLESTICK" EARTH WAGONS, SIXTEEN "JOINT EARTH WAGONS, and numerous missellaneous articles of value.

On TUESDAY, January 6th, 1863, at WHITROPE:—
Earth barrows, malleable wagon axies, scrap iron, drills, chains, patent scale, pit tuls, large screw stocks, boring rods, new smiths' bellows, drilling, quarry, and stons hammers, miners' picks, punching machines, anvils, vices, and amiths' tools, upwarsd ONE HUNDRED SETS of capital TRACE HARESS, TWENTY-ONE CART SADDLES, with breaching, TWENTY-TWO NEW SCOTCH and OTHER CARTS, long, cart, spring cart, FIVE strong TIMBER WAGONS, hay cutters and corn crushers, by Turner, of Ipawich in new oak wagon wood, wooden hats, but framing, and a graz variety of coally and useful articles.

On WEDNESDAY, January 7th, 1863, at SHANKEND:—
HARIWOOD CONTESDAY, JANUARY BARTH WAGONS, AND JANUARY BARTH WAGONS, THERTY-FOUR LARGE "PEDESTAL"
EARTH WAGONS, FURTY-SEVEN "JOINT" EARTH WAGONS, SIXTY-TREE LARGE "FIDDLESTICK" EARTH WAGONS, THIRTY-FOUR LARGE "PEDESTAL" EARTH WAGONS, THERTY-FOUR LARGE

CLASGOW CORPORATION WATER-WORKS—PUMPING
ENGINES FOR SALE.—The Glasgow Corporation Water Commissioners are
PREPARED to SELL TWO POWERFUL PUMPING ENGINES, used up to March,
1860, in supplying the city with water, and still in good working order. One of times
engines, when at work, raised 230,000 gallons per hour to a height of 90 feet, and the
other 130,000 gallons per hour to a height of 195 feet.
For further particulars, apply to Mr. Gale, engineer, Water-Works Offices, 23, Millerstreet, Glasgow; or to John Burner, secretary.

DOILERS.—FOR SALE, BY PRIVATE CONTRACT, at the SUNDERLAND AND SOUTH SHIELDS WATERWORKS STATION, CLEADON, SIX HIGH PRESSURE CYLINDRICAL BOILERS, from 26½ ft. to 31 ft. long, and from 5 to 6 ft. diameter, with all the fittings complete.

The above are in good condition, having been used in sinking the shaft at the Cleadon Waterworks, which is now completed.

The same may be seen at the above works, and further particulars obtained on applition to Mr. William Dixon, at the offices, 7, Fawcett-street, Sunderland.

FOR SALE, a 24 in cylinder PUMPING ENGINE, 9 ft, stroke by 7 ft., with BOILER 8 tons, and fittings complete. Also, a 24 in. cylinder WINDING and STAMPING ENGINE, with pumping beam attached, BOILER 10½ tons, and fittings complete, stamps axis for 16 heads, &c. The above are in god working condition, and within a short distance of a shipping port and railway.—Apply to Mr. Thomas W. Field, Marazion, Cornwall.

FOR SALE, a 100 in. CYLINDER, with steam case, metallic piston, and bottom complete, in good condition, and calculated for 9 ft. streks.

n be easily shipped, and had on reasonable terms, by applying to JAMES JCLEFF, jun, iverton Mines, Redruth, Cornwall.

VALUABLE BUSINESS PREMISES.—TO BE SOLD,
BY PRIVATE CONTRACT, the BUILDINGS, MACHINERY, and PATENT
RIGHTS of a FUEL MANUFACTORY in SOUTH WALES, the property of agenteman who is compelled by partnership arrangements to retire from the business.—For
further particulars, apply to C. G. BATEMAN, Eq., civil and mining engineer, Liandly,
Camparhousines.

TO MINERS AND OTHERS .- TO BE SOLD, cheap FIFTEEN HUNDRED ORE BAGS, tarred; THREE DOZEN OFFER
WIDER CANS; THREE DOZEN MINERS' HAT-CAPS; ONE HUNDRED
ND TWENTY-NIRE CAST-STEEL BORERS, beat Cornish manufacture; FORTGHT COPPER GRATE PLATES.—Apply to "C. D.," Mr. R. CLARE'S, stationer,
Threadneedle-street, London, E.C.

TO COLLIERY PROPRIETORS. CAPITALISTS, AND OFIGERS. TO BE DISPOSED OF, BY PRIVATE CONTRACT. the COLL, IERY PROPRIETORS. CAPITALISTS, AND OFIGERS. TO BE DISPOSED OF, BY PRIVATE CONTRACT. the COLL, IRLORGALINE, and OTHER MINERALS, UNDER the ESTATE of the late George Silvester, of West Bromwich, Staffordshire, consisting of about FIFTY ACRES. An adjacent colliery has worked up to less than 160 yards of the cast, the seam being very thick, and of superior quality. The Great Western Railway runs through the etak, and it is within a few hundred yards of the canal.—For Intriber particulars, apply is Mr. TROKAS SILVESTER, West Bromwich; Mr. BARTLEET, solicitor, 22, Waterlos-sired, Birmingham; Mr. A. S. SILVESTER, 51, 51. Paul's-square, Birmingham; and Mr. J. S. SILVESTER, West Bromwich.

LLANTRISSANT, GLAMORGANSHIRE.

TO COLLIERY PROPRIETORS, CAPITALISTS AND OTHERS.—TO BE DISPOSED OF, BY PRIVATE CONTRACT, the LEASE of the COAL, IRONSTONE, and OTHER MINERALS UNDER ABOUT WHO HUNDRED ACRES of LAND, situate in the parish of LLANTRISSANT, containing the well-known LLANTWIT SEAMS, worked by Messrs. Powell and Sense the adjoining estate. The branch railway connecting the Taff with the South White is now being constructed, and passes through the property, connecting it with the fail vise and South Wales Railways.—For further particulars, apply by letter, post-paid, to Mr. M. Gildroy Stewart, mining engineer, Warmley, near Bristol.

EAD MINES IN LANARKSHIRE .- TO BE LET, the LEAD MINES IN LANARRSHIRE.—TO BE LEIT, as LEAD MINES of GLENDOWRAN, OVER ABINGTON, and LETTERSHAWS, in the parish of Crawford-John, and county of Lanark. These mining grounds are in the neighbourhood of Leadhills, and range from one to five miles from the Abigion station on the Caledonian Railway, which gives ready access to market, and facility of getting coal.

Glendowran Mines were opened in 1756, and during the period they were worked szcellent lead was obtained and smotled.

The working, it is believed, was stopped from want of means, and power to drain the

celient lead was obtained and smelted.

The working, it is believed, was stopped from want of means, and power to drain the ore; but now, under modern improvements of steam-power, water-pressure machiner and economy in fuel, and facility of carriage to all parts of the kingdom by railway, these mines are deserving the attention of capitalists. Lead has also been got in trial at Abington and Lettershaws.

For further particulars, apply to John Ronald, S.S.C., Hill-street; or Messrs. Geddle, mining engineers, Shandwick-place, Edinburgh.—Edinburgh, Nov. 20, 1862.

MERIONETH SHIRE, NORTH WALES.—MINING SETTS TO BE LET, with indications of GOLD and OTHER MINERALS; also comising SLATE ROCKS and BEDS of STEATITE, on an extensive property about miles direct from Doigelly. Crown Claims redeemed for ever.—Apply to the pre-letor, H. T. RICHARDSON, Esq., Aber Hirnant, Bala, North Wales.

COLLIERY PROPERTY,—FOR SALE, the LEASE of an EXTENSIVE and VALUARLE COLLIERY in the FOREST OF DEAN, for miles from the port of Lydney, with which it is connected by the Severa and Wyz Isalway. A large amount of money has been spent in opening the works, and very efficient machinery has been erected, including powerful pumping and winding engines, which are in capital working order.—For further particulars, apply to Mr. B. D. Collins, Bream, near Lydney. KIRKCUDBRIGHTSHIRE.

GRANITE QUARRY TO LET, on the ESTATE KIRKCONNELL, situate about 400 yards from the mouth of the fiver III opened, but the stone, which is of excellent quality, can, from the sloping positive ground towards the river, be easily shipped by means of a tramway, without car Freights very low to Liverpool, Glasgow, and Belfast, where there is a great det for grantite.

for granite.
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APPARATUS FOR RAISING WATER ECONOMICALLY, ESPECIALLY APPLICABLE TO ALL KINDS OF MINES, DRAINAGE, WELLS, MARINE, FIRE, &c.

J. U. Baster begs to call the attention of proprietors of mines, engineers, architects, armers, and the public in general, to his new pump, the cheapest and most efficient ever introduced to public notice. The principle of this new pump is simple and effective, and its action is so arranged that accidental breakage is impossible. It occupies less space than any other kind of pump in use, does not interfere with the working of the shafts, and unites lightness with a degree of durability almost imperiabable. By means of this bydraulic machine water can be raised economically from wells of any depth; it can be worked either by steam-engine or any other motive power, by quick or slew motion. The following statement prosents some of the results obtained by this hydrautic machiness daily demonstrated by use:—

1.—it utilizes from 90 to 92 per cent. of the motive power.

2.—It price and expense of installation is 75 per cent. less than the usual pumps employed for mining purposes.

3.—It occupies a very small space.

4.—It raises water from any depth with the same facility and economy.

5.—It raises with the water, and without the slightest injury to the apparatus, smid, and, wood, stone, and every object of a smaller diameter than its tube.

6.—It is easily removed, and requires no cleaning or attention.

A mining pump can iscen daily at work, at Wheal Concord Mine, South Sydenham, Devon, near Tavistock; and a shipping pump at Woodside Graving Dock Company at HIS OWN EXPENSE, and will GUARANTEE IT FOR ONE YEAR, or will GRANT LICENBES to manufacturer, will CONTRACT to EIRCT his PATENT PUMP at HIS OWN EXPENSE, and will GUARANTEE IT FOR ONE YEAR, or will GRANT LICENBES to manufacturer, mining proprietors, and others, for the USE of his INVENTION.

OFFICES, 47, WARREN STREET, FITZROY SQUARE.

London, March 21, 1859. Hours from Ten till Four. J. U. BASTIER, C.E.

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FOR PREVENTING IRON FROM RUST, AND WOOD FROM DECAY.

A brilliant jet black, superior to paint in appearance, dries in less time, contains preservative qualities of the best description, and is economical in its use: one gallon at 1s.
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LIVERPOOL to MELBOURNE, NEW ZEALAND, and VICTORIA,
VANCOUVER'S ISLAND, every month.

*** Passengers holding Victoria passage warrants will be forwarded to Melbourne by
these vessels.

Destination. Register. Burthen. To sail.
(Victoria, Van-)
824 ... 1500 ... Dec. 10.
SOUTHERN EMPIRE ... Melbourne ... 1847 ... 3000 ... Dec. 20.
LORD RAGLAN ... Melbourne ... 1847 ... 3000 ... Jan. 20.
WHITE STAR ... Melbourne ... 2839 ... 5000 ... Jan. 20.
WHITE STAR ... Melbourne ... 2839 ... 5000 ... Jan. 20.
WHITE STAR ... Melbourne ... 2839 ... 5000 ... Feb. 20.
The magnificent packet ship, Southern Empire, will be dispatched, with passengers and cargo, as packet of the 20th December. The Southern Empire has been built of the surprisingly short space of 15½ days. Her salcons are large, and farnished with bedding, linen, &c. : and her accommodations for all classes of passengers are equal to those of any ship on the berth. Passengers embark on the 30th December. The freight or passage apply to the owners, H. T. Wilson and Clambers, 31, Water-street, Liverpool ; or to Grindlar and Co., 27, Leadenhall-street, London.

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Larose, Leoville, Marganx, Lafitte, Latour, at proportionate rates.
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THE MINING SHARE LIST. DIVIDEND MINES. Paid. Last Pr. Business. Dividends Per Share. Last 10 Alderlay Edge (Cheshire) [L.]* 10 0 0... 60 ... 7 115 6... 0 10 0 -- May.

DIVIDEND MINES.	
Shares. Mines. Paid. Last Pr. Business. Dividends Per Sha	ne Last Baid
1000 Alderiay Edge (Cheshire) [L.]* 10 0 0 60 7 18 6 0 10	0-May, 1862
Too Bediera Cuites (copper), Invisional 2 00. 4 078 8 12 1/ 6 0 2	U-Sept, 1862
240 Boscean (tin), St. Just 20 10 0 60 36 10 0 1 0	0-Mar. 1862
200 Botallack (tin, copper), St. Just 91 5 0 250 455 15 0 6 0	0-Nov. 1862
916 Carroll (Silver-lead), NewlyB 10 0 7., 43 40 45 1 0 0., 1 0	0-Nov. 1862
1000 Carn Brea (copper, tin), Iliogan† 15 0 0 65 273 10 0 2 0 200 Cefn Cwm Brwyno (lead), Cardiganah. 33 0 0 10 9 0 0 4 0	0—Feb. 1862 0—April, 1861
200 Cefn Cwm Brwyno (lead), Cardiganah. 33 0 0 10 9 0 0 4 0 256 Copper Hill (copper) Redrath 48 0 0 80 9 10 0 2 10	0-April, 1861 0-Sept. 1862
256 Copper Hill (copper) Redrath 48 0 0 80 9 10 0 2 10 12000 Copper Miners of England 25 0 0 25 7½ per cent.	- Half-yrly.
350000) Ditto ditto (stock) , 100 0 0, 24 an 1 per cent.	- Half-yrly.
1055 Craddock Moor (copper), St. Cleer* 8 0 0 261/4 7 12 0 0 4	0-July, 1862
512 Creesbrawes and Penkevil, St. Colomb - as 0 as 0 10 0 0 10	0-Jan. 1862
	0-July, 1862
128 Cwmystwith (lead), Cardiganshire* 60 0 0 105 247 10 0 4 0 280 Derwent Mines (sillead), Durham 300 0 0 180 147 0 0 5 0	
	0-June, 1862 0-Nov. 1862
	0—Dec. 1862
3000 Dyfngwm (lead), Wales	6-Sept. 1862
512 East Basset (cop.), Redruth [S.E.] 29 10 0., 52 50 52 105 0 0 1 0	0-Nov. 1862
6144 East Caradon (copper), St. Cleer[S.E.] 2 14 6 39% 44 44% 4 17 6 1	0-Oct. 1862
300 East Darren (lead), Cardiganshire* 32 0 0 45 84 10 0 1 0	
176 East Pool (tin, copper), Fool, Hogan 95 0 420 815 0 0 2 10	
2800 Foxdale (lead) Isle of Man [L.] 25 0 0 35 0 16 0 0 2 5000 Frank Mills (lead), Devon 3 18 6 2 0 16 0 0 2	-July, 1862
6000 Great South Tolgus [8.E.], Redruth*. 0 14 6 714 7 74 7 18 6 0 8	
5908 Great Wh. Vor (tin,cp.), Heiston [S.E.] 40 0 0 614 2 2 6 0 5	
10340 Gunnis Lake (Clitters Adit) 0 2 0 34 0 3 0 0 1	6-Mar. 1862
1024 Herodsfoot (id.), near Liskeard [S.E.] 8 10 0 48 21 10 0 1 15	0-Oct. 1862
1000 Hibernian Mine Company	0-Sept. 1861
	0-Nov. 1862
1000 241 361-1 (In PT) (IA) Wyombarn 05 0 0 000 000 000 00 00 00 00 00 00 00	0-Oet. 1862 0-Nov. 1862
20000 Mining Co. of Ireland (cop., lead, coal) 7 0 0. 19% . 19% . 14 7.11.0 7	0-Nov. 1862 0-Dec. 1861
640 Mount Pleasant (lead), Mold 4 0 0 27 18 18 1 0 7	6-Aug. 1862
6000 New Riveh Tor and Vitifer Cons. (tin). 1 6 6 14 0 3 6 0 1	0-Sept. 1861
5936 North Treskerby (copper), St. Agnes 1 9 0 4 34 4 0 3 0 0 1	6-Dec. 1862
	8-Mar. 1862
• 36 16 6 0 7	
400 Th	0-Oct. 1862
1772 Polherro (tin), St. Agnes	0-Dec. 1861
112) Providence (tin), Uny Lelantt [S.E.] 10 6 7 41 40 42 66 5 0 1 5	0-Nov. 1862
6000 Rosewall Hill and Ransom United 2 16 0 3 4 3 34 0 8 6 0 2	6-Sept. 1882
4026 Rosewarne Consols (copper) 3 7 6 3 3 4 0 2 0 0 2	0-Oct. 1862
16 Rhoseamor (lead)	
ors cours caracon (cop.), or creer [c.s.] . v v. Tov	0-Nov. 1862
512 South Tolgus (cop.), Redruth, Cornwall* 8 0 0. 4214. 40 42 . 73 10 0. 1 0 5000 South Exmouth (lead), Christow	0-May, 1862 0-Dec. 1862
5000 South Exmouth (lead), Christow 0 5 0 0 5 406 8. Wh. Frances (cop.), Illogan* [S.E.] 18 18 9 974 90 95 364 5 0 2 0	0-Nov. 1862
280 Spearne Moor (lin, copper), St. Just 31 17 9 9 15 0 1 0	0-June, 1862
940 St. Ives Consols (tin), St. Ivest 8 0 0 30 485 10 0 0 10	0-Aug. 1862
9800 Tamar Con. (silld.), Beeralston [S.E.] 4 10 0 114 5 6 0 0 2	6-Jan. 1861
5000 Tincroft (cop., tin), Pool, Hiogan [S.E.] 9 0 0. 12% 13 13% 11 18 6. 0 5	0-Dec. 1862
1000 Trumpet Consols (tin), near Heiston 11 10 0 — 11 10 0 2 0 4200 Vigra and Clogau (copper) [L. £5] 2 15 0 34 31 33 4 12 6 1 0	0-Mar. 1862
	0-Oct. 1862
6000 West Basset (copper), Illogan [S.E.]. 1 10 0 13 23 6 0 0 6	0-Jan. 1861 0-Sept. 1862
60 West Burton Gill (lead), Yorkshire 50 0 0 14 10 0 3 0	0-June, 1861
1024 West Caradon (cop.), Liskeard [S.E.] 5 0 0 31 28 30 101 1 3 0 10	0-Oct. 1862
. 8400 West Fowey Consols (tin and copper). 7 10 0 314 0 19 0 0 3	0-May, 1862
1024 West Penstruthal 4 0 0 9 2 19 6 2 19	6-May, 1862
	0-Dec. 1862
512 Wheal Basset (copper), Illogan* [S.E.]	0-1700. 1002
2900 Wh. Clifford Amaigamated (cp.), Gwen. 30 0 0 22 20 23 27 18 6 0 10	0-Mar. 1861 0-Oct. 1862
128 Wheal Friendship (copper), Devon 50 0 0 90	0—Feb. 1861
1024 Wheal Grylls (tin), Perranuthnoe 2 4 0 30 31 33 2 2 0 0 10	0-Sept. 1862
1024 Wheal Hearie (tin), St. Just 9 13 8 0 5 0 0 5	0-May, 1862
4500 Wh. Ludcott and Wrey (lead), St. Ive. 2 10 8 10% 9% 9% 2 2 0 0 10	0-Oct. 1862
896 Wh. Margaret (tin), Uny Lel. [S.E.]†. 9 17 6 40 40 42 75 5 0 1 0	0-Nov. 1862
1004 Wh Mary App (Id) Memberlot S P 14 S 0 0 15 14 18	0-Mar. 1862
	0—Dec. 1862 0—Nov. 1862
128 Wheal Prosper (tin), Lanivet 3 0 0 30 4 10	0-June, 1862 5
396 Wheal Seton (tin, copper), Camborne. 58 10 0 16716 180 185 144 15 0 3 0	0-Dec. 1862
1040 Wh.Trelawny(silld.),Liskeard[S.E.] 5 17 0 164 48 2 6 0 10	0-Nov. 1862
5000 Wicklow (copper) [L.], Wicklow 5 0 0 3814 43 17 6 2 0	0-Oct. 1861

(* Dividends paid every two months. † Dividends paid every three months.) MINES WITH DIVIDENDS IN ARRYANCE

MAN MO 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TO BUILD IN	ADETANCE.
700 Aberdovey (silver-lead), Merioneth 1 1 4948 Alfred Consols (cop.), Philinek [S.E.]. 3 1	5 11. 36	0 10 0 0 10 0-Mar. 1850
256 Condurrow(cop.,tin), Camborne 35	0 0 105 9214	95 85 0 0 2 0 0—June, 1857
2450 Cook's Kitchen (copper), Illogan 17	0 9 30 31 3	2 1 7 0 0 7 0-May, 1862
4078 Davon and Cornwall (copper) 5 1	6 3 814	0 10 0 0 2 6-Feb. 1859
679 Ding Dong (tin), Gulval 40 1	16 434	16 7 6 1 10 0-Mar. 1857
18600 Drake Walls (tin, copper), Calstock 2	1 0 230 % 1	0 15 0 0 1 6-June, 1862
2048 East Wheal Lovell (tin), Wendron 2 1	8 6	0 5 0 0 5 0-July, 1850
4940 Fowey Consols (copper), Tywardreath 4	00 5	41 9 3 0 26-June, 1860
119 Great Work (tin), Germoe100		221 10 0 7 10 0-Feb. 1867
5000 Kelly Bray (lead, copper), Callington . 4 10 20 Laxey Mining Company, Isle of Man 100	5 6 166 76	
160 Levant (copper, tin), St. Just 2 10		1420 0 050 0 0-June, 1857
470 Newtownerds Mining Co., Co. Down., 80		1091 0 0 5 0 0-May, 1860
6000 North Downs (copper) Redruth 2	3 4 274 254 25	4 0 10 0 0 2 6-May, 1862
2000 Sortridge Con. (cop.), Whitchurch [S.E.] 0 17	7 0 12s 9s. 10	6 0 10 0 0 2 6-July, 1857
6000 Tolvadden (copper), Marazion 0 11	356	0 18 6 0 8 0-Mar 1960
572 Trelyon Consols (tin), St. Ives 12	0 0 15 10 12	7 0 0 0 10 0-Sept. 1860
256 West Damsel (copper), Gwennap 38 1	0 0 63	45 0 0 1 0 0-May, 1860
512 Wheal Jane (silver-lead), Kea 3 10	0 0 13	13 10 0 1 0 0-Mar. 1862
1024 Wheal Kitty (tin), Uny Lelant [S.E.] 2		** 8 10 0., 0 10 0-April 1869
4395 Wheal Kitty (tin), St. Agnes 4 19	16 4% 4	0 18 6 0 2 0-July, 1860

FUREIGN MINES.	
2464 Burra Burra (cop.), South Anstralia. 5 0 0 100 6000 Central American (silver) [L.] 5 0 0 13½ 12000 Cobre Copper Co. (cop.), Cuba [8. E.] 40 0 0 21	280 0 0 5 0 0—Dec. 1861 2 2 9 0 14 6—Oct. 1862
10000 Copiapo Mining Company, Chili [8. E.] 16 0 0 8 16000 East Indian Coal, Calcutta [L.] 10 0 0 10	98 12 0 1 0 0—Jan. 1862 6 18 0 0 10 0—Nov. 1862 7½ per cent. — Yearly.
70000 English and Australian [S.E.] 5 0 0 2½ 28000 Fortuna (lead), Spain [L.] [S.E.] 2 0 0 4½ 3¾. 4¾. 28000 Gen. Mining Assoc., Nova Scotia [S.E.]20 0 0 22	1 7 6 0 2 6—Feb. 1862 0 2 6 0 2 6—May, 1862
68000 Kapunda Mining Co., Australia [S.E.] 1 0 0 1½½ 1½ 15000 Linares (ld.), Pozo Ancho, Spain [S.E.] 3 0 0 8	19 5 0 1 0 0—June, 1862 0 10 0 0 1 0—June, 1862 8 16 2 0 5 0—Sept. 1862
10000 Lustanian (of Portugal) [8.E.] 2 0 0. 134 08815 Mariquita and New Granada [8.E.] . 1 0 0. 134 100000 Port Phillip (gold), Clunes [8.E.] . 1 0 0 . 134 134 154.	0 19 9 0 1 0-Feb. 1862
11000 St. John del Rey [L.], Brazii [S.E.]. 15 0 0., 60 ., 52 54 43174 Unit. Mexican(sil.), Mexico [S.E.] Av. 28 5 0., 54, 43 54	0 6 0 0 1 0—July, 1862 54 15 0 4 0 0—Dec. 1862 2 1 6 0 5 0—Oct. 1862
20000 West Canada Mining Company [L.] 1 0 0 1%	0 2 0 0 2 0-Nov. 1862

FOREIGN MINES WITH DIVIDENDS IN ABEYANCE.

10000 Alten and Quænangen Uni. (cop.) [L.£5] 4 10 0 3 10000 Gt. Barrier Land, Min. &c., N.Ze. [L.£5] 4 10 0 314 10000 Pontgibaud (slilead), France [S.E.] 20 0 0 2	::	4 5 0 0 15 0—Nov. 1853 15 per cent. —May, 1859 1 0 0 1 0 0—June, 1855
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NON-DIVIDEND FOREIGN MINES.

Shares, Mines.	Paid. Last Pr. Bus. do		968 Lelant Cons. (tin),
20000 Australian (copper), South Australia [S.E.]	7 7 8 1		1019 Leeds & St. Aubyr
		Sept. 1858	240 Llangan (ld.), Glan
75000 Bon Accord, South Australia (copper) [L. £1] [S.E.]	. 0 10 0 %	Oct. 1862	500 Long Rake (lead),
25000 Capula (silver), Mexico [L. £2] [S.E.]	. 1 00 54	**	2000 Lower Park Denbig
17000 Central Italian (copper) [7000 £2 paid]	. 0 10 0 1/2	Jan. 1862 1	0000 Lower Taldrws [L.
60000 Clarendon Consols (copper), Jamaica [S.E.]	. 0 60	Jan. 1859	6000 Maudlin
10000 Contene Smalther IT 1 Chill	. 1 26 %	July, 1862	4480 Merllyn (lead), Fl
10000 Copiapo Smeiting [L.], Chili	. 10 00 816	Fully paid.	2000 Merryfield (lead) [
100000 Don Pedro North Del Rey (gold), Brazil [L. £1]	. 0 10 0	Aug. 1862	3475 Michell (lead), Fil
75000 Dun Mountain (copper), New Zealand [L.] [8.E.]	. 1 00 16 16 %	Fully paid.	1024 Mill Pool
25000 East del Rey, Brazil [L. £3]	. 1 00 2 1% 2	Sept. 1861	5000 Molland (cop.), S.
25000 East del Rey, Brazii [L. £3] 30000 East Kongaberg Native Sliver Mining Co. of Norway [L. £3]	1 76 %	Mar. 1862	1024 Nangiles (tin, copp
18000 Edbe Comery Company L. L.	. 1 0 0 16	Fully paid.	50 Nanteos (sllld.),
80000 Ellerslie and Bardowie, Jamaica	. 0 18 0 116		5800 Nanteos and Penrh
8000 English and Canadian Mining Company [L.]	. 5 00	Fully paid.	512 Nant Minera [L. £
	. 2 00		2400 Nant-y-Ingo (ld.),
80000 Great Northern (copper), South Australia [L. £2] [S.E.]	. 1 10 0 2	June, 1862	250 Nanty Mines (ld.)
24000 Hittiostati (copper), Bengal [L. 20]	. 1 10 0 34		6400 Nether Heath (lead
			6400 N. Crow Hill (id.),
50000 Imperial Thessalian (lead, &c.), Thessaly [L. £2]	. 0 10 0 4		6000 New E. Birch Tor
			6514 New E. Wh. Russel
soood Languinaso (Buiphur, Copper), Portugal (L.)	. 1 0 0 24	Fully paid.	890 New Godolphin
		Fully paid.	400 New Hendra (tin. c
			6000 New S. Caradon (co
wood New Granada (gold), South America (S.E.)	1 0 0 1/		6000 New Treleigh Con
			2000 New Wheal Cliffor
			6000 New Wheal Prospi
		Now 1949	400 New Wh. Seton) eo
		April, 1862	2500 N.Wh.Vaddon(tin)
			8000 Nidderdale(ld.).Yo
			4500 No. Budnick and W
20000 Scottish Australian Mining Company [L. £1]	. 0 10 0 1 112 112	mar. Acor	2500 No. Budnick and W
		May, 1860	. o mines with
		Fully paid.	
			24
10000 Vancouver (coal) [L. £10]	5 00 - AL	••	
45000 Victor Emanuel, Italy [L.] (20,000 Pref. Shares, 15s. pd., 25	000 el'nd 18/		o Our object being to
		******	tion which may, fr
19000 Wheal Elien, South Australia [L.]	. 5 00	Oct. 1859	information, Repo
34525 Wheal Jamaica (copper)	1 00 19.	Fully paid.	
		-Fully paid.	
45000 Yudanamutana (copper), South Australia [L.]	3 00 - 27 - 27	Fully paid.	condon : Printed by Enq
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Fully paid.	

6

PROGRESSIVE MINES

	PROGRESSIVE MINES.	3/
	Shares. Mines. Paid. Last Pr. Bus. done. Last Call.	20
i.	10000 Angarrack (copper), Phillack. 1 1 6 136June, 1859	5
2 2 2	1624 Raileswidden (tin) St. Tuet 14 9 7 19	1
2 2	20000 Barmouth Cons (mid) fy 611 0 5 6	6 6 16
21	2000 Berehaven (copper), Ireland., 1 0 0., 12.,	16
2	200 Billina (lead) [L. £30]	6
2 2	1900 Brea Con.(tin),St. Ives [L.30s.] 1 6 0 114 Aug. 1862	150
3 2 2	4000 Brookwood (cop.) Ashburton 1 12 6. 134.	6
2 2	5000 Bronfloyd(id.),Cardigan.[L.] 2 7 6. 7 June, 1862 112 Bron-Haulog(id.),Denblghab. 20 0 0. 20 No call. 5120 Brynsbro (id.),Card.[L.£.5] 2 3 0. 3 Nov. 1862 200 Brynford Hall (lead), Flint. 25 0 0 0. 6 April, 1863 500 Brynford Hall (lead), Flint. 25 0 0 0 0	
3 2	5120 Brynambor (id.), Cardi, [L.£5] 2 3 0 . 3	6
3	6380 Buller and Basset Unit. (cop.) 3 16 6., 3s Sept. 1862	8
3 2 0		6
2 2 1		40
2 2	914 Caradon Cons. (con.), St. Clear 25 9 6 15 Dec. 1862	60
2 2	4046 Caradon Hill (copper) 2 1 6 —	100
1 2	2580 Carmarthen United 5 0 0 4Fully paid.	84
2 2 1	6000 Carn Camborne (copper)	80
2	3000 Carn Vivian (tin, cop., lead) 2 1 6. 1 Nov. 1861 2048 Carnyorth (tin), St. Just 4 0 0. 134 Sept. 1862 20000 Carysfort [3200 £2½ pd., 16800 £1 pd.] 1 0 0. 1 Fully paid. 2500 Cefn Cilcen (lead), Fiintshire. 1 19 0. 11s Nov. 1862 2500 Cern Stiff (lead), Fiintshire. 1 19 0. 11s Nov. 1862 2500 Cern Stiff (lead), Fiintshire. 1 19 0. 11s Nov. 1862 2500 Cern Stiff (lead), Fiintshire. 1 19 0. 11s Nov. 1862 2500 Cern Stiff (lead), Fiintshire. 1 19 0. 11s Nov. 1862 2500 Cern Stiff (lead), Fiintshire. 1 19 0. 11s Nov. 1862 2500 Cern Stiff (lead), Fiintshire. 1 19 0. 11s Nov. 1862 2500 Cern Stiff (lead), Fiintshire. 1 2500 Cern Stiff (lead), Fiin	60
2 2	10000 Castleward, Ireland [L.] 1 0 0 1	64
2	6000 Charlotte Untd Perranuthnes 9 19 7	117
1	787 Clijah & Wentworth (tin.ep.) 30 15 0 5	200
	16000 Coolester and Bond Ireland 1 0 0 Mar. 1862	100
3	90000 Connorree (con., sulph.) [L.] 1 0 0. 24s Fully paid.	80
1	861 Crane (copper), Camborne 15 10 0 124 Dec. 1862	100 125
2	8000 Crookbayen (con.) [L. 69141 1 10 0 . 54 Oct. 1861	150
1	2000 Crowan Cons. (cop.) [L. £2] . 0 15 0	60
2	6000 Crowndale (cop.), Tavistock. 0 11 0. 3 Nov. 1858 6000 Cuddra (cop., sin), St. Austell 3 8 0 16 Sept. 1862 1800 Cwmbrane, Carmar. [L. £3] 2 0 0 3½ Feb. 1862 30000 Date, N. Staf, [L.] [21000 £1 pd., 9050 78. 6d.pd.] Sept. 1862 10000 Deborah United (id.), [L. £1] 0 5 0 14. Sopt. 1862 2000 Deep Lavel Minera (L. £5] 3 5 0 Feb. 1862 1817 Devon and Courters (cop. 1110 111	1
1	30000 Dale, N. Staf. [L.] [21000 £1 pd., 9000 7s. 6d. pd.]	64 40 60
2	2000 Deep Level Minera [L. £5] 3 5 0	61
2	12000 Dev. New Copper Co. [L. £2]	150
	1000 Durlo (tip) Lelant 8 9 0 314 % % Sept. 1862	60
	244 Eaglebrook (lead.), Cardigan., 77 10 0., 16 Oct. 1861	60
	3000 E. Beam (tin), St. Aus. [L.£2] 1 5 0 2 4 July, 1862	20 10 40
1		54
ı	5000 E. Bronfloyd(silld.)Card.[L] 2 0 0 3	9
	50000 E.Clogan(gold), Merio.[L.£1] 0 5 0 34 14 1/8 May, 1862	10
	6000 East Damsel (cop.), Gwennap 1 11 0 1%	10
		7
-	000 E. Granvilla (o.p.), Camborne 1 9 6. 50s. 46s. 48s. Nov. 1862 4000 E. Gunnis Lake & Bedf. (op.) 6 17 0. 116. 116. 118. Sopt. 1862 4145 East June (silld.), Cardinham 1 9 6. 24. 3 34. Oct. 1862 1024 Fast Margaret. 17 15 0. 8 . Oct. 1863	52 400
	12000 East Mona (cop., &c.) [L. £1] 0 5 0 — May, 1861	10
	6000 F Pelesth (tip con) Wanten 0 10 1	60
	5610 East Seton (cop.), Camborne. 0 7 0. 11s Nov. 1862	10
		60
	1000 E. Trefusis (cop.), Gwennap. 8 14 7. 34. .Aug. 1862 1024 E. Treskerby (cop.), Redruth. 6 5 0. 34. .Nov. 1862 1190 E. Wheal Agar (cop.), 8t.Cleer 9 12 0. 85. .July, 1862 4096 East Wheal Fortune 1 0 0. 15. .Sept. 1862	50 50 10
		32 56
1	6000 France VIII Wood Clare Parks [Q H] 7 19 0. 34. 3 34 Nov. 1020	40 25 40 30
1	114 Garden (tin), Morvah	
1	1024 Gelliffowller (id.), Holywell. 0 2 65s. 8dJune, 1861 8000 Gen. Min. Co. for Irel. (cop.) 4 0 0 5 %5½ 5%	10
1	80000 Glasgow Caradon Cons. [L.]. 1 0 0 4Fully paidJuly, 1860	200
1	6144 Gonamena (copper), St. Cleer. 3 8 0 2% Nov. 1862	300 2000
1	486 Gramb. & St. Aud. (cp.) (8.E., 58 0 0 14\(\frac{1}{2}\). 15 17 Nov. 1862 5000 Great Brigan (copper)	12
		800
1	10104 Great Onslow Cons., Camelfd. 3 10 9. %	600 1900
1	52000 Great Tregune Consols (cop.) 0 5 0 . 34	100
1	3730 Great Wheal Baddern (tin). 6 6 0. 34 Dec. 1862	100
1	12500 Great Wh. Martha (cop.) [L.] 1 0 0 Fully paid, 5000 Grosvenor (id.) [2500 £lnd., 2500 7s.nd.]	500 513
	4910 Gurlyn (cop., tin), St. Erth 1 18 11. 21 Feb. 1862	548
1	6400 Harwood (id.), Durham[L.£1] 0 5 6 11.11/4 11/4 Nov. 1861	1000
1	7219 Hawkmoor(tin,cop.)Calstock 3 0 6 36	600
-	6000 Holmbush [5000 £5 2s. pd., 5000 5s.pd.] July. 1862	102 500 599
١	40 Imperial Silver-Lead, Dolgelly 65 0 0 80Jan. 1862	100
١	8000 Lady Bertha (cop.) [S.E.] 2 2 0 28s24s. 27sOet. 1862 968 Lelant Cons. (tin), Uny Lelant 34 0 0 214Sept. 1862 1019 Leeds & St. Aubyn (tin, cop.) 16 4 4Feb. 1862	600 51
1	240 Llangan (ld.), Glamor, [L. £25] 5 0 0., 75., Ang. 1869	400
1	2000 Lower Park Denbighshire [L.] 3 3 0 4 Nov. 1862 10000 Lower Taldrws [L. £2½] 1 10 0 1 2 Oct. 1861	600 512
1	6000 Maudlin	102
1	22000 Merryfield (lead) [L.] 0 12 0 9s May, 1860 3475 Michell (lead), Flint 0 2 6 9s Nov. 1881	102
1	5000 Molland (cop.), S. Moulton. 2 9 6 14 Nov. 1862	102
-	50 Nanteos (silid.), Lianbardan — 40Jan. 1862	97 187
1	512 Nant Minera [L. £20] 4 0 0 34	2500
1	6400 Nether Heath (lead), Dufton. 0 15 6. 114 April 1860	24 25 102
-	6514 New E. Wh. Russell, Taylatock 0 6 0 4 Oct. 1869	409 204
-	400 New Hendra (the con) Breeze 0 15 0 . 1	102 51 102
-	6000 New S. Caradon (cop.), St. Cleer 0 9 0. 34	600
1	2000 New Wheal Clifford (copper). 6 6 0. 3	102
	6000 New Treleigh Cons., Redruth 1 9 0. \$4	640 102
-	4500 No. Budnick and West Mount 0 70	209
1	user [come) appended mave been admitted on the Stock Ex	cha

Shar 102	Mines. North Buller (cop.), Redruth.	22	aid 17	6.,	ast Py	Bus.	
4000	Nor. Ciffford (cop.), Gwennap North Cornwall (Endellion)	0		9	2%		-Aug.
20000 5000	North Devon (silld.) [L. £1]	0	10	6.	13a.		· · · duly
1000	North Fortesene (conner)	1	14	0	. 3		Nov.
1366	M. Grambier (cop.), Redruth	13	15	0	. 6		Nov.
6000	N. Hafod (silid.), Car.[L.£2]	1	5	0	1%.		endlik.
2000	N. Hallenbeagle (tin, cp.) [L.] North Jane (tin, silver-lead).	4	15	0	214	•	Dac
6000		0	3	0	78		July,
2000 15000	N. Levant (tin, cop.), St. Just	7	0	0	6		· Fully
4000	North Phoenix (copper)	0	8	6		.12s. 1 .4% 5	
6000	North Porthilly (silvlead)	125	-	0.,	136		Nov.
700	N. Rosker r(cop.), Camborne	20		0	4s. 6d.	.38 38	Aug.
5000 6000	N. Treiether(sil.,cp.), Padstow N. Wh. Basset (cop.,tin)[S.E.]	1 2	12	0	114		. Pak
5610	North Wheal Busy (cop., &c.)	9	12	7		.2% 27	D
4800 6144	North Wh. Ludcott (St. Ive)	1	0	0	-	. 5 5%	Nov.
4108	North Wheal Trelawny (lead)	8	9	11.	244.		July,
59 00	N. Wrey (id.), St. Ive [L.£2].		17	6	298.	:	June.
4096 6000	Old Wh. Neptune (cop.), [L.]	1	17	6	30-		Sent.
1000	Pant-y-Buaith (id.) [L. £10], Pant-y-pydew (lead)	6	0	6	20 .	:	Nov.
10000 8465	Parkgwyn (tin) [L. £2 10s.].	1	ð	6	14.		·· Oct.
1000	Pendeen Consols, St. Just.		11	0	6	. 8% 6	Oet.
8000	Penhalis (tin), St. Ann's	1	10	0	412.	:	··duly,
200	Pentre Lygan (lead) [L. £30]	20	0	0	21 %:	:	· · Aug.
6400		3	14	6 0	21s 16s		Sept.
6000 11789	rectinger (cop., cm), Camageon	0	ii	0	78.		Sept.
2500 3000	Rhoswydol and Bacheiddon	12	0	0	7%.		July,
20000 10000	Rhyscog (silver-lead) [L. £5] Ribden [L.] [15000 £1, 5000 10 River Tamar Copper [L.]	8. 1	od.	1	-:		Mar.
4096 5000	Rosewarne United (cp., tin)	8	8	0 6	114.		Patty
8000	Round Hill (cop., ld.), Salop Royalton (tin) [£1]	0	10	0	-%	:	Mar.
10000	Scorrier Con. (tin,cp.),St. Agnes Sigford Con. (cop.,tin)[L.£1]	0 1		6 6	21/2.	:	Nov.
12500 100	Silver Roke (lead) [L. £2] .	7	2	6	9:		Fully
15000 6000	Sliv. Vein, St. Winnow [L.£1] Smith's Wood (tin,cp.) [L.£2] Snowbrook (sil. lead) [L.£5]		18	0	3%.		July,
600 512	Snowbrook (sil. lead) [L. £5] South Basset (cop.), Gwennap	4		8	7%.		Nov.
100 6400	South Bryn Gwiog (lead)	7	0 1	U	24	8 81%	Jug.
4096	So. Buller & W. Penstruthal. S. Caradon Wh. Hooper (cop.)	3	7 (3	1		May,
6138	So. Carn Brea (cop.) [S.E.]	2	6	0	16.		Oct.
2283 128	Sou. Crenver (cop.), Crowan. 1 S. Crinnis (cop., St. Austell St. Cuthbert Ld. Smelt. [L. £5]	19	9 (0	51/2.		Dec. 1
15000 6000	St. Cuthbert Ld. Smelt. [L. £5] South Darren (ld.) [L. £31/4]	2 1	0 (0	14.	11/11/14	Nov.
6000 5000	S. Dolcoath & Carnarthen Con. S. Foxdale(ld.) I.of Man [L.£5]	2 1	3 0	0	4		July, 1
6000 2000	South Gernick (tin), Crowan.	0	2 (5	%		Oet. 1
1024	South Herodafoot	3	2 (8	4 .:		July, 1
4000 5425	South Minera [L. £5½] So. Phonix (cop.) Linkin				276.		May, 1
1024	South Tresavean, Gwennap S. Wh. Betsy, Mary Tavy, Dv.	1			10		Oct. 1
987 1024	So. Wh. Crofty (cop.), Illogan S. Wh. Ellen (cp.), St. Agnes	9 1 9 1	8 1 8 2	0.	19		Oct. 1
6000	So. Wh. Leisure (tin & cop.).	1 1	O f)	1%		Oct. 1
1024	S. Wh. Lovell (tin), Wendron So. Wh. Seton(cop.) Camborne 3	11	0 7 8 0		214.		May, 1
794	Spearne Cons. (tin), St. Just.	6 1	3 U		814	25 30	Doc. 1
970 5208	St. Austail Consols (tin. &c.)	8.1	6 0		12:	12 114 (1)	Aug. 1
4000	St. Austail Consols (tin, &c.) St. David's (gold) [L. £2 10s.] St. Day United (tin), Redruth St. Ives Wheal Allen (tin).	2	8 9		3/2	114 174 8% 3%	
6000	St. Ives Wheal Allen (tin) St. Just (tin & cop.) [L. 21/4].		0 (3		Oet. 1
930	Stamp Office (lead), Mold Stray Park (cop., tin) [S.E.]. 2	9 1	7 0		11%	41 43	Jan. I
1000	St. Just (tin & cop.) [L. 2½]. Stamp Office (lead), Mold Stray Park (cop., tin) [S. E.]. 2 Tavy Con. (cop.), near Tavis. 2 Tees Side (ld.), Cumb. [L. £1] Tolcarne (cop.), Camborne Trefulack Uni. (tin). St. Enoder	8 0 1	2 6 8 0	***	114.		May, 1
6000	Tolcarne (cop.), Camborne	1 8	8 V	::	314		July, 1
E000	Tueloweth (conner) St. Erth	6 1	08		1%		Sept. 1
1024 3270	Trencrom (tin), Uny Lelant. 1 Tresellyn and Scaddick Cons. Trevenen and Tremenheere. Treweatha (allid.), Menhem.	i		0.	12		Oet. 1
5600 4096	Treweatha (silid.), Menhen.	8			2		Sept. 1
2500	Trowatha (attid.), analysis of the property	78	. 60	1. p	ald]		Dec. 1
4000 8000	Tyne Head (ld., cop.) [L. £1].	0 1	4 0		1		July, 1
1024	Tyringnam Consols (tin)	2	0 0		234:		Dec. 1
20000	Vale of Towy (lead), Carmar. Waenlas (id.) [1000 £8 pd., 1000 Wentner [L. £2½]	0 1	4 6	4.1	7	3s. 5s.	**
4000 3000		2	100		21/6.		July, 1
20000	West Beam [L. £1]	0 1	36		1		Sept. 1
1218	W.Condurrow(tin,cop.),Cam. West Denbigh (ld.), Denbigh. 3	7 1	o a		434		Feb. 1
80000	West Devon Con. (cop.), [L.]	1 (00 %		Oct. 1
6000	West Grylls (tin)	0	2 0	::			July, 1
6000	W.Polmear(tin,cp.),St.Austell	0 1	5 6		%		Dec. 1
1000 256	W. Rose Down (cop.), Caradon West Sharp Tor(cp.) Rillaton. 14	3 (0 0	**	19		Oct. 1
1056 5000	WestStray Park(cop.), Camb. West Tolcarne (cop.), Crowan	1 1	5 0	::	3		April, I
512	West Tolgus (cop.), Redruth. 2	9 1	0 0	**	51		Oct. 1
548I 4000	West Trevelyan (tin,, copper)	3	0 6	0. 1		8s. 10s.	Dec. I
512	West Wheal Frances, Illogan 7	7	ВО		13		. Nov. I
1024	West Wheal Lovell, Wendron.	2 1	38		1		July,
1024	Wh. Anna (Id., blende), Perranz.		з 6	::	21/2		Nov.
5000 5990	Wheal Annie (cop.), Gwinear	3 1	8 O 9 O	••	2:		Sept. 1
6000	Wheal Caradon (copper)	1	0 0	**	5	1514	Mar. I
512	Wheai Crebor (cop.), Tavistock Wh. Damsei (cp., tin), Gwennap 2	9 1	1 6 3 6	1	08	8s. 9s.	Oet. 1
4096	Wh. Edward (cop.), Calstock Wh. Emma(cp)Buckfastleigh	1 14	6.			1% 1%	Nov. 1
2000	Wheal Falmouth & Sperries . Wh. Grenville (copper)[S.E.]	B 4	50.		214	1% 4%	.Oet. 1
5120	Wheal Harriett, Camborne		6.		2	78. 4% 17s. 39s.	May, 1
1094	Wheal Emily Henrietta		0 6		10	9 10	- NOT. 4
1024	Wheal Hope (silld.), Perran Wheal Margery (tin, copper) 1	7 10	3 0	**	3		Oct. 1
		3 13	7	:	1%		
970	Wheal Polmear, St. Austell Wh. Pollard (cop.), St. Neot's Wh. Prosper (cp., tin), Breage 10	10	0.		814		July, 1
1879	Wh. Prudence St. Ag. [L. £1]	1 11	6.		814		Nov. 1
240	Wn. Reetn (tin), Ony Lemne De		0.		14	11/6	Sept. 1
		17	6.	••	12		Oct. 1
2048	Wheai Staney(tin), Flympton wh. Sithney & Carnmeal Uni. Wheai St. Andrew (copper) Wh. Trannack (tin), Sithney	0	0.		3		Jan. 1
512	Wheal St. Andrew (copper)	5 6		: .			Oct. 1

... Mov. 1882 4096 Wh. Uny (tin, cop.), Redruth y 3 6... 7;
... Nov. 1882 1024 Wh. Yyryan (cop.), Constantine 4 15 0... 7;
... Oct. 1882 6400 Whist Melcome (tin, copper). 1 0 0... 4;
... Jan. 1881 1024 Worvas Downs (tin), Leiant. 6 7 0... 6
... Aug. 1862 2097 Yarner (copper), Devon ... 3 1 6... 13

Our object being to make the Share List correct, we earnestly call upon all who have the power, to aid us, by forwarding any alterations or cord tion which may, from time to time, come under their notice. To shareholders, as well as those officially connected with the mines, we appeal information. Reports from mines—in fact, mining intelligence of exact description, description of order will make the mines treaty attention.

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